

20011128.qrp v02_n387.qrl.20011128

Date: Wed, 28 Nov 2001 19:03:07 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2387

QRP-L Digest 2387

Topics covered in this issue include:

- 1) [113107] Re: Another way to deal with OT REPLIES
by "Dave Fifield" <dave@redhotradio.com>
- 2) [113108] Re: Another way to deal with OT REPLIES
by "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
- 3) [113109] [Elmer 101] On RF Probes
by "Bert Herald" <wf7i@hotmail.com>
- 4) [113110] Unique QSLing
by "tmyers" <tmyers@AcademicPlanet.com>
- 5) [113111] Re: [ELMER 101] Re: Diodes
by David Hinerman <wd8civ@worldnet.att.net>
- 6) [113112] Re: [Elmer 101] On RF Probes
by "KD5NWA" <KD5NWA@mbayona.com>
- 7) [113113] First Fox bagged of the year
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 8) [113114] Re: QRP WAS Question
by "Trevor Jacobs" <fxtech@earthlink.net>
- 9) [113115] Bow & Arrow Method of Launching Skyhooks
by "John Kirk" <ve6xt@hotmail.com>
- 10) [113116] PJ2/K8GT - 14.021 @ 0224Z
by David Gauding <david.gauding@bbs.galilei.com>
- 11) [113117] unsubscribe
by Jasper Petrus <J_Petrus@telus.net>
- 12) [113118] FOX -- Rather a Toughie... :-)
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 13) [113119] For Sale--SST-40 QRP Rig
by Doc <70511.3041@compuserve.com>
- 14) [113120] Re: FOX -- Rather a Toughie... :-)
by "Trevor Jacobs" <fxtech@earthlink.net>
- 15) [113121] Fox bagged - second post
by "Thom Durfee WI8W" <wi8w@arrl.net>
- 16) [113122] Pic Programmer
by George Gingell <k3tks@u1.abs.net>
- 17) [113123] Re: Bow & Arrow Method of Launching Skyhooks
by "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>
- 18) [113124] Re: FOX -- Rather a Toughie... :-)
by "Michael C. Boatright" <ko4wx@mindspring.com>
- 19) [113125] FOX Cub Fox worked

- by "Karl F. Larsen" <k5di@zianet.com>
- 20) [113126] RE: [Elmer 101] On RF Probes
by Nick Kennedy <nkennedy@tcainternet.com>
- 21) [113127] Re: Bow & Arrow Method of Launching Skyhooks
by "Mike Yettsko" <myetsko@insydesw.com>
- 22) [113128] Re: Beer Can Vertical
by George Gingell <k3tks@u1.abs.net>
- 23) [113129] US Mails Question
by Doc <70511.3041@compuserve.com>
- 24) [113130] For Sale--SW-30+ QRP Rig
by Doc <70511.3041@compuserve.com>
- 25) [113131] Re: Tuna Tin 2 kits
by "James R. Duffey" <jamesd1@flash.net>
- 26) [113132] Manuals/schematics/docs wanted
by "Caitlyn M. Martin" <ku4qd@qsl.net>
- 27) [113133] Christmas Key
by Roger J Wendell <zeekzilch@juno.com>
- 28) [113134] Cub Fox preliminary log
by Richard Clem <clem.law@usa.net>
- 29) [113135] WTB: Poqet handheld computer for logging
by JJ&A <w7ls@blarg.net>
- 30) [113136] re: pic's
by "neil" <wa4chq@qsl.net>
- 31) [113137] FS: MFJ QRP Rigs
by NV9Z@aol.com
- 32) [113138] Re: Tuna Tin 2 kits
by "Steve/n0tu" <n0tu@qsl.net>
- 33) [113139] Re: Unique QSLing
by W2AGN <w2agn@pobox.com>
- 34) [113140] European Propagation From Rt hand side
by Tim O'Rourke <TORourke@KaiserFT.com>
- 35) [113141] FOX: 29 Nov 2001 - correction
by John Wagner <john@wagner-usa.net>
- 36) [113142] OFF TOPIC !!!!! Fwd: latest virus
by W2AGN <w2agn@pobox.com>
- 37) [113143] More OFF TOPIC: @HOME to shut down?
by W2AGN <w2agn@pobox.com>
- 38) [113144] KD1JV from KG4MQD
by "Tim A. King Jr." <iflyos@hotmail.com>
- 39) [113145] RE: OFF TOPIC !!!!! Fwd: latest virus
by "Dave Ek" <ekdave@earthlink.net>
- 40) [113146] Re: OFF TOPIC !!!!! Fwd: latest virus
by "Rod N0RC" <rod@n0rc.com>
- 41) [113147] Re: OFF TOPIC !!!!! Fwd: latest virus
by Bob W7AVK <rsrolfne@atnet.net>
- 42) [113148] Re: transformers in SPICE?
by Chris Trask <ctrask@primenet.com>
- 43) [113149] QRP ARCI 160 m Sprint

by Randy Foltz <rfoltz@turbonet.com>
44) [113150] QRP ARCI Holiday Spirits Homebrew Sprint
by Randy Foltz <rfoltz@turbonet.com>
45) [113151] Re: Unique QSLing
by Bob Nielsen <nielsen@oz.net>
46) [113152] Re: QRP ARCI 160 m Sprint
by "Louie" <lou@harborside.com>
47) [113153] FS- Tentec Century 21 & 276 xtal calibrator
by "Dittmar, Mark" <Mark_Dittmar@maxtor.com>
48) [113154] [Elmer 101] Probes: Ge vs Si at QRP
by "Brad Hernlem" <alihernlem@hotmail.com>
49) [113155] OT - Circuit board question
by Robsparks@aol.com
50) [113156] Re: QRP ARCI 160 m Sprint
by W2AGN <w2agn@pobox.com>
51) [113157] Re: OT - Circuit board question
by "Mike Yetsko" <myetsko@insydesw.com>
52) [113158] FS: SST-30
by "T.W." <wb5qyt@abq.com>
53) [113159] Re: [Elmer 101] Probes: Ge vs Si at QRP
by "Lee Mairs" <lmairs@cox.rr.com>
54) [113160] FS: MFJ receiver
by "T.W." <wb5qyt@abq.com>
55) [113161] RE: www.eQSL.cc
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
56) [113162] Re: transformers in SPICE?
by "Leon Heller" <leon_heller@hotmail.com>
57) [113163] FS: DSW rigs
by "T.W." <wb5qyt@abq.com>
58) [113164] Re: [Elmer 101] Probes: Ge vs Si at QRP
by David Hinerman <WD8CIV@worldnet.att.net>
59) [113165] K1 #919
by n7dma@mindspring.com
60) [113166] Re: transformers in SPICE?
by Chris Trask <ctrask@primenet.com>
61) [113167] DSW 20
by "T.W." <wb5qyt@abq.com>
62) [113168] Re: [Elmer 101] Probes: Ge vs Si at QRP
by "Brad Hernlem" <alihernlem@hotmail.com>
63) [113169] Re: DELETE if not interested. How I deal with OT subjects.
by Jim Glover <psykey@okcforum.org>
64) [113170] Re: Electricity
by <muglesto@ecentral.com>
65) [113171] The latest virus and this list
by "Mike Yetsko" <myetsko@insydesw.com>
66) [113172] Committees
by W2AGN <w2agn@pobox.com>
67) [113173] 2N2-40 K8IQY radio

- by "Karl F. Larsen" <k5di@zianet.com>
- 68) [113174] Re: The latest virus and this list
by "ZOOM" <kandrparker@sympatico.ca>
- 69) [113175] Test Equipment
by "Tim A. King Jr." <iflyos@hotmail.com>
- 70) [113176] [OT] Re: The latest virus and this list
by "George, W5YR" <w5yr@att.net>
- 71) [113177] Re: Test Equipment
by "L. Mark Pilant" <n1vqw@arrl.net>
- 72) [113178] FOX SANDWICH, a PSK-31 activity (Reminder)
by "Rod N0RC" <rod@n0rc.com>
- 73) [113179] Re: 2N2-40 K8IQY radio
by John Wagner <john@wagner-usa.net>
- 74) [113180] 80 Meter SMK-1
by NB6M@aol.com
- 75) [113181] Fw: Harborside Internet: Virus Scan Results.
by "Louie" <lou@harborside.com>
- 76) [113182] FOX: 29Nov2001 - W8RU Fox Announcement
by Ron Majewski <majewski@erim-int.com>
- 77) [113183] Re: [OT] Re: The latest virus and this list
by Bruce Muscolino <w6toy@erols.com>
- 78) [113184] Re: The latest virus and this list
by "Caitlyn M. Martin" <ku4qd@qsl.net>
- 79) [113185] Re: The latest virus and this list
by David Hinerman <WD8CIV@worldnet.att.net>
- 80) [113186] 2N2-40 K8IQY radio (fwd)
by "Karl F. Larsen" <k5di@zianet.com>
- 81) [113187] RE: [OT] Re: The latest virus and this list
by "Ed Tanton" <n4xy@att.net>
- 82) [113188] Re: The latest virus and this list
by "Mike Yetsko" <myetsko@insydesw.com>
- 83) [113189] Cut numbers for ARCI HB Sprint
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
- 84) [113190] OT: Need some technical advice
by Mark Fields <mark_ke5my@juno.com>
- 85) [113191] Re: The latest virus and this list
by "Leon Heller" <leon_heller@hotmail.com>
- 86) [113192] FT: Bulldog Key
by "Pastor-KC1DI" <elbc@pivot.net>
- 87) [113193] Re: Cut numbers for ARCI HB Sprint
by "John J. McDonough" <wb8rcr@arrl.net>
- 88) [113194] Re: Cut numbers for ARCI HB Sprint
by Jim Larsen AL7FS <AL7FS@ARRL.NET>
- 89) [113195] Re: Cut numbers for ARCI HB Sprint
by "w8diz" <w8diz@fpqrp.com>
- 90) [113196] Re: Cut numbers for ARCI HB Sprint
by "Rod N0RC" <rod@n0rc.com>
- 91) [113197] FS K1 40 & 20

- by "Kenneth Wilson" <kg4big@mindspring.com>
- 92) [113198] FS Posting
by NV9Z@aol.com
- 93) [113199] Re: OFF TOPIC !!!!! Fwd: latest virus
by Haines Brown <brownh@hartford-hwp.com>
- 94) [113200] Re: The latest virus and this list
by Bob Nielsen <nielsen@oz.net>
- 95) [113201] FS:MIZUHO...14MHZ..SSB/CW..TRANSCEIVER..HANDHELD
by Daj73s@aol.com

Date: Tue, 27 Nov 2001 17:12:55 -0800
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113107] Re: Another way to deal with OT REPLIES
Message-ID: <002b01c177a9\$cfb664e0\$0200a8c0@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you aren't happy with the traffic on this list, and want a nice clean, low volume, completely on-topic moderated list, then go on over to the ARCI's QRP-F list - that's the one for you (is it still going?).

Otherwise, please hold all thoughts of changing, modifying, moderating, topic limiting etc. etc. this list. The fact is that the QRP-L list has always been, and will always be (hopefully) a community. We like to hear what's happening to our members, be it medical issues (Karl's ear problems were actually, IMO, were right on topic), family news (eg first grand child born, wife in hospital, doc says I only have 6 mo to live, etc, etc.), antenna news (including legal problems, stealth etc), radio building/operating/fixing/playing with etc, the weather (esp. in Dayton), fox hunts, on-the-fringe QRP (laser, microwave), ARRL, awards, propogation, cw technique, QRO vs. QRP, the war, jokes and anecdotes, limericks, virus reports, etcthe list goes on.

As I say, this is a community. Any attempt to mess with the flow of information in and about this community will be met with resistance. I speak only as a long time member of this community myself - others may have different views to this, and I welcome reading their replies, be they "OT" or not.....there is no such thing as "OT" in my view - as long as the email was posted by a QRP'er, it's QRP related.

Cheers es 72,
Dave Fifield
AD6A

Date: Tue, 27 Nov 2001 20:15:08 -0500
From: "JOSEPH PIRKLE" <ad4ih@worldnet.att.net>
To: <dave@redhotradio.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113108] Re: Another way to deal with OT REPLIES
Message-ID: <004401c177aa\$1f8f1160\$251b4e0c@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hear, hear!
Joe, AD4IH

----- Original Message -----
From: "Dave Fifield" <dave@redhotradio.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, November 27, 2001 08:12 PM
Subject: Re: Another way to deal with OT REPLIES

> If you aren't happy with the traffic on this list, and
> want a nice clean, low volume, completely on-topic
> moderated list, then go on over to the ARCI's QRP-F
> list - that's the one for you (is it still going?).
>
<snip>

Date: Tue, 27 Nov 2001 18:29:30 -0700
From: "Bert Herald" <wf7i@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [113109] [Elmer 101] On RF Probes
Message-ID: <F273Q4S8Uq5nlhRyZx4000081bc@hotmail.com>
Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Just thought I'd throw in my 2 cents on this.

It would seem to me that you'd want the lowest forward turn-on voltage diodes that you can get for the RF probe, only for the simple reason that the level of voltage amplitude from the RF signal will need to be large enough to overcome the turn-on voltage to begin charging the capacitors, which then can drive the meter movement, etc. Granted, at close proximity this may not be much of an issue one way or another. But I'd think you'd have more "sensitivity" to your meter with a lower threshold voltage. Thoughts?

Also -- I still do not have my kit yet, but I was one of the later submittals. I'm keeping the fingers crossed that it will show up soon!

73s,
Bert WF7I

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Date: Tue, 27 Nov 2001 19:44:06 -0600
From: "tmyers" <tmyers@AcademicPlanet.com>
To: "QRP-L Post" <qrp-l@Lehigh.EDU>
Subject: [113110] Unique QSLing
Message-ID: <003f01c177ae\$2c3a07e0\$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you worked XT2DX in the recent CQ WW DX CW contest look here for their unique method of QSLing.

<http://www.voodudes.org/QSL/qs1.html>

Date: Tue, 27 Nov 2001 20:55:51 -0500
From: David Hinerman <wd8civ@worldnet.att.net>
To: qrp-l@lehigh.edu

Subject: [113111] Re: [ELMER 101] Re: Diodes
Message-ID: <3.0.6.32.20011127205551.00796a70@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:50 PM 11/27/01, you wrote:

>1) the probe is basically a rectifier, a filter capacitor and a load. The
>latter being the input impedance of the attached DMM or other DC voltage
>measuring device.

Brad,

You are correct - although most RF probe circuits I've seen include a
bleeder resistor (ca. 10k ohms or so) to slowly drain charge off of the
capacitor. Otherwise you'd never be able to tune a circuit to maximum - as
you tune through the optimum point the voltage on the cap would reach its
peak value and stay there. You'd never see the voltage fall off on the
other side of that point.

>2) assuming that the voltage measuring device is high impedance (around 10M
>or more) then very little charge, once it is dumped into the filter
>capacitor, is drained away.

Yes - that's the reason for the bleeder resistor.

>3) as the filter capacitor is being charged, the portion of the RF sine wave
>period that the diode is conducting is gradually reduced. As the difference
>in potential between the cap and the peak RF amplitude approaches the
>"forward voltage drop" there will be less and less current drawn through the
>diode during each cycle.

>

>4) since forward voltage drop decreases with forward current, the barrier to
>pushing that little bit more charge into the cap will similarly be reduced.
>Etcetera. Etcetera.

Sort of like Achilles and the tortoise? Yes, but... since a diode is
nonlinear, zero current is not reached when the drop across the diode is
zero volts. It's true that the forward drop of a diode is proportional to
current, but it's not a linear proportion.

>This is why I am thinking that it is not such a simple thing to say that a
>particular diode will make a better RF probe merely because it has a lower
>"forward voltage drop". But, as I alluded, I am "self-taught" in electronics
>(and the teacher's credentials aren't any better than the student's :-)

For being self-taught, you sure make some interesting points. But I'm
afraid physics takes precedence over logic.

>I am also notoriously skeptical.

Good for you! Like I've tried to explain to people on other discussion groups - don't take MY word for it, or anyone else's unless you trust them. If you have doubts, check them out. I'm just relaying what I know, but by all means verify it.

You may just invent the perfect diode detector. You'd be a pretty popular guy if you do.

>I have no problem accepting that I do not know, because it is better to know
>that one doesn't know than to think that one knows and really does not. But
>you should not take my skepticism to imply that YOU do not know.

Not at all - I might not know, and not realize it. That's why I like discussing things in an open forum like this. If I'm way off base, somebody will speak up. (And I have, on a few occasions, intentionally said something I knew was inflammatory just to get people thinking. Not here, but elsewhere.)

>Brad KG6IOE
>"I think, therefore I homebrew"

Smartest thing I've read all day. Thanks!

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Tue, 27 Nov 2001 20:12:30 -0600
From: "KD5NWA" <KD5NWA@mbayona.com>
To: <wf7i@hotmail.com>
Cc: <qrp-l@Lehigh.EDU>
Subject: [113112] Re: [Elmer 101] On RF Probes
Message-ID: <003501c177b2\$37372750\$0100a8c0@seglio>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you look at the curves of a diode, silicon or germanium, you will notice that the diodes start conducting even with microvolts of signal, the barrier voltage is a point at which the forward conduction increases dramatically. For

use in a high impedance probe, very little forward current is required.

If you build a crystal radio and use a 1N34 germanium diode(with a .25 volt barrier) , you still get conduction of the diode in the forward direction, even though the signal coming in is in the microvolt range, and as we know crystal radios do work..

Cecil Bayona
KD5NWA

----- Original Message -----

From: "Bert Herald" <wf7i@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, November 27, 2001 7:29 PM

Subject: [Elmer 101] On RF Probes

> Just thought I'd throw in my 2 cents on this.

>

> It would seem to me that you'd want the lowest forward turn-on voltage
> diodes that you can get for the RF probe, only for the simple reason that
> the level of voltage amplitude from the RF signal will need to be large
> enough to overcome the turn-on voltage to begin charging the capacitors,
> which then can drive the meter movement, etc. Granted, at close proximity
> this may not be much of an issue one way or another. But I'd think you'd
> have more "sensitivity" to your meter with a lower threshold voltage.
> Thoughts?

>

> Also -- I still do not have my kit yet, but I was one of the later
> submittals. I'm keeping the fingers crossed that it will show up soon!

>

> 73s,

> Bert WF7I

>

>

> -----
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

>

Date: Wed, 28 Nov 2001 02:17:41 -0000

From: "Thom Durfee WI8W" <wi8w@arrl.net>

To: <qrp-l@lehigh.edu>

Subject: [113113] First Fox bagged of the year

Message-ID: <00ea01c177b2\$dbf2efe0\$6401a8c0@grapid1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nabbed the fox at 0216 listening up about 250 Hz. Send at his speed and you will get him.

73

Thom WI8W

Date: Tue, 27 Nov 2001 18:18:33 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [113114] Re: QRP WAS Question
Message-ID: <009401c177b2\$fb1ab4c0\$e70df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all of the replies. OK, the consensus is that you can use a 30 meter contact, but they don't allow 30 meters as a band for the single band award...but maybe soon...now off to find the fox!

72/73

Trev
KG6CYN

----- Original Message -----

From: Trevor Jacobs <fxtech@earthlink.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, November 27, 2001 2:19 PM
Subject: QRP WAS Question

> Hi All,

>

> I've been working on trying to get my QRP WAS, and it's slow going, but fun. I had a nice QSO last night with Bryn N4VM on 30 meters, and have a quick question. I need TN for WAS, and went and read the rules on the ARRL web site for the award, and it isn't clear if I can use a contact on 30 meters or not for the award. It states that any and all bands can be used at first, but then excludes 30 meters for the single band specialty award. Anyone have the correct answer to this. Thanks in advance!

>

> 72/73's
> Trev
> KG6CYN
> --
>
>

Date: Wed, 28 Nov 2001 02:18:57 +0000
From: "John Kirk" <ve6xt@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [113115] Bow & Arrow Method of Launching Skyhooks
Message-ID: <F337GIBjhyMVYUQMcyYG000035f4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Re: >Group,

>
>I stumbled on an technique for stringing a skyhoop that worked well for me.
>I used a bow and a fishing arrow. A sixty pound bow gets oak tree altitude
>and can be aimed to were you want the line to go. The fishing arrow has an
>attachment for a string and is weighted so the arrow falls out of the tree.
>I used string on a large bobbin sitting on a pipe jammed into the soil, I
>did this earlier this month after the leaves were gone, worked like a
>champ.

>
>This is not a novel idea but it worked so slick me that I thought I would
>share it.

>
>73's

>
>Mark

Just don't do what I did:

I laid out enough line to clear the tree, but counted on the line stopping
the arrow short at the height of it's trajectory. Imagine my horror when
the arrow reached zenith.....and kept on going!!

[I never was very good at knots]

It probably only took seconds, but the old ballistics computer between my
earlobes had plenty of time to figure out that the probable "LZ" was the
ass-end of a city bus parked at the corner.

Fortunately, the driver must have sensed that he was under seige and pulled
forward a centimetre or to view oncoming traffic. This was enough to put
him in the demilitarized zone - my arrow buried itself in the pavement
millimetres behind his back bumper.

I shudder to think how different the outcome could have been....

The paperwork!

The derision of friends!
Don't try this in a crowded rural neighbourhood, kids!
72
John VK2PV

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Date: Tue, 27 Nov 2001 20:25:29 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [113116] PJ2/K8GT - 14.021 @ 0224Z
Message-ID: <5.1.0.14.0.20011127202315.00a43ec0@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

PJ2/K8GT - 14.021 @ 0224Z

579/599 into Midwest - no waiting - call right on frequency.

Used Argo 515 at 1 watt to St. Louis Express portable vertical.

DX still on frequency at 0225Z.

Good luck,

de Dave, NF0R nf0r@slacc.com

Date: Tue, 27 Nov 2001 18:53:58 -0800
From: Jasper Petrus <J_Petrus@telus.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [113117] unsubscribe
Message-ID: <3C0451C6.380A4EDA@telus.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

unsubscribe

Date: Tue, 27 Nov 2001 20:54:54 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113118] FOX -- Rather a Toughie... :-)
Message-ID: <200111280254.AA00990@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Took me a bit to get Rick, but I did bring him to bag. :-) He's caught in some slow-rolling QSB here, down to ESP, up to S9+. I was probably doing the same at his end. Given what I hear of the pack, the band is medium to long right now, and Rick is not *too* far from me (400-500 miles).

A refreshingly different style, that fox. Sometimes works short lists, so you really have to *listen* to see what he's up to. Sometimes works them one by one, too. Mixes it up nicely. *Seems* to be keeping the pile reasonably orderly. :-)

He's running at about 7.055.2. Give him a try! :-)

72/73,

Todd, AG0T

Date: Tue, 27 Nov 2001 22:01:40 -0500
From: Doc <70511.3041@compuserve.com>
To: "\"Low Power Amateur Radio" <qrp-l@Lehigh.EDU>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [113119] For Sale--SST-40 QRP Rig
Message-ID: <200111272201_MC3-E86D-E97E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline

Gang:

For Sale--a completely assembled SST-40 rig. Covers 7.035-7.041.2. Two watts out. Have original documentation with the rig. This makes a great

rig for FYBO or ARS Sprints, or FOX Hunts, or.....you name it. Extremely
low current on receive, so batteries last a long time.

Price is only \$78.00 which includes shipping to your CONUS address.

73,
--Doc/K0EVZ

Date: Tue, 27 Nov 2001 19:08:13 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: <enders@bolshoi.cc.misu.nodak.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113120] Re: FOX -- Rather a Toughie... :-)
Message-ID: <00ad01c177b9\$eb67fb80\$e70df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nothing heard in Burbank,CA...not even a hound...

----- Original Message -----

From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Tuesday, November 27, 2001 6:54 PM
Subject: FOX -- Rather a Toughie... :-)

>
> Took me a bit to get Rick, but I did bring him to bag. :-) He's
> caught in some slow-rolling QSB here, down to ESP, up to S9+.
> I was probably doing the same at his end. Given what I hear
> of the pack, the band is medium to long right now, and Rick is
> not *too* far from me (400-500 miles).
>
> A refreshingly different style, that fox. Sometimes works short
> lists, so you really have to *listen* to see what he's up to.
Sometimes
> works them one by one, too. Mixes it up nicely. *Seems* to be
> keeping the pile reasonably orderly. :-)
>
> He's running at about 7.055.2. Give him a try! :-)
>
> 72/73,

>
> Todd, AG0T
>

Date: Wed, 28 Nov 2001 03:08:12 -0000
From: "Thom Durfee WI8W" <wi8w@arrl.net>
To: <qrp-l@lehigh.EDU>
Subject: [113121] Fox bagged - second post
Message-ID: <011401c177b9\$eb6b08c0\$6401a8c0@grapid1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fox bagged at 0216 on 7.05836 Mhz listening up about 250 Hz. Good operator and the band is getting longer. Some loudmouth on the freq though so he moved higher up the band.

73

Thom WI8W

Date: Tue, 27 Nov 2001 22:14:09 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: wa4chg@qsl.net
Subject: [113122] Pic Programmer
Message-ID: <20011127213608.N36489-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Neil and Others,

I have some great news for you. The October Issue of the QRP ARCI QRP Quarterly Journal is hot off the press and heading to Mailboxes around the world.

The News that will be of particular interest to you is that the QRP Quarterly is now sporting a brand new Column hosted by George Heron, N2APB. George is quite well known as the Editor of The Homebrewer and the Guiding Light of the NJ-QRP Club. He also happens to be very big on Pic's and other associated toys. <n2apb@amsat.org>

His new Column "Digital QRP Homebrewing" begins with the October 2001 Issue. It runs five pages and Begins with The Scenix SX Microcontroller and the NJ-QRP PSK31 Audio Beacon Kit. The Second part Defines the Plan for a Digital QRP Breadboard.

There is also mention of the Keylite Memory Keyer/Beacon kit from the Knightlite QRP Club. It looks like the plan is to teach it some new tricks. <http://knightlites.org/new_page_9.htm> OBTW the Keyer Kit is also reviewed in the Current QRP Quarterly. \$ 55.00 plus shipping. Hurry, Get your order in while the supplies last. :^}

CompUSA had PC Keyboards for \$ 10.00 Recently. Perfect for the new keyer.

I have not had a chance to read it all yet, but I get the impression that it may be just the thing for those interested in this growing area of our hobby.

Not a member of QRP ARCI? Check our Web Site and Sign Up today.
<<http://www.qrparci.org/us2signup.html>>

Need more info, Contact me <k3tks@abs.net>

Many Back issues of the past few years are still available at \$ 5.00 each plus postage. (Generally \$ 4.00 for up to 5 issues).

Contact me for Details. I might advise that some of this years issues are in short supply due to demand.

I urge all to make sure that their subscriptions are current rather than hoping to be able to purchase the missing issues at a later date.

I also remind that you may renew for up to TWO YEARS at a time.

USA \$15 Canada \$ 18 Non-US/VE \$ 20 per Year.

Payment to "QRP ARCI"

Send your Application to :

QRP ARCI - Mark Milburn, KQ0I
117 E. Philip Street
Des Moines, IA 50315-4114

PayPal can be used by all via the Club Web Site!

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Wed, 28 Nov 2001 03:19:10 +0000 (UTC)
From: "Robert M. Kimbrell" <kimbrell@sdf.lonestar.org>
To: John Kirk <ve6xt@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113123] Re: Bow & Arrow Method of Launching Skyhooks
Message-ID: <Pine.NEB.4.33.0111280312341.4191-100000@sdf.lonestar.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Just don't do what I did:
> I laid out enough line to clear the tree, but counted on the line stopping
> the arrow short at the height of it's trajectory. Imagine my horror when
> the arrow reached zenith.....and kept on going!!

The ARRL Handbook actually cautions about this scenario. I think it is actually in the question pool for exams in the USA! Glad everything turned out ok for you.

72,

Bob Kimbrell AC7BN Kingman, Arizona
kimbrell@freeshell.org
<http://kimbrell.freeshell.org/>
SDF Public Access UNIX System - <http://sdf.lonestar.org>

Date: Tue, 27 Nov 2001 22:22:33 -0500
From: "Michael C. Boatright" <ko4wx@mindspring.com>
To: qrp-l@lehigh.edu
Subject: [113124] Re: FOX -- Rather a Toughie... :-)
Message-ID: <5.0.2.1.2.20011127221953.02289ec0@pop.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

He's up to 7055.5 now. Worked him about 500 Hz up on first call, running 1Watt. Nice signal into GA...559.

0312 K04WX 559 GA MIKE 5W

Fine job Rick!

72 de Mike, K04WX
Michael C. Boatright

Date: Tue, 27 Nov 2001 20:30:06 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [113125] FOX Cub Fox worked
Message-ID: <Pine.LNX.4.33.0111272026430.3407-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Had a bad coax connector betix the ft-817 and the antenna's. Found that and heard the Fox at 7055.75 on the dial. He is hearing very well with his MFJ box but as expected he is drifting up slowly. Just back from a good meal out with old friends in from Wash DC.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Tue, 27 Nov 2001 21:34:52 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113126] RE: [Elmer 101] On RF Probes
Message-ID: <01C1778B.59E31BA0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have to bite on this diode forward voltage thread.

A few years ago, a QST article talked about the difficulty of measuring low power with diode circuits and about how reverse current through a diode becomes significant at very low voltage levels. The discussion involved the "diode equation" featuring Boltzman's constant, temperature, and other weird stuff.

I got intrigued by this stuff for some reason (must have been a slow week), and put the equation into a spreadsheet (here we go again) so I could see this stuff visually. The spreadsheet lets you input temperature and choose a silicon or a germanium diode. Then you input the peak voltage of a sine wave applied across the diode. The spreadsheet calculates the current all along the waveform and plots it on a graph.

If you choose a "normal" voltage, such as 0.4 to 0.7 volts peak (for silicon), you get a plot showing a current peak during the positive half cycle and near zero current during the negative half cycle. But if you choose say 0.01 volts or less, the current waveform looks like the impressed sine wave--the diode is acting like a resistor. True, the current is very small. Hence the approximation we generally make about no current flow in either direction when the voltage is small with respect to 0.7 volts for silicon and 0.4 volts for germanium. But if you care about the world of sub-picoamps, it's there.

What if you choose an unrealistically high voltage, say 2 volts? Well, how about $1.2E20$ amps? Don't think your real world diode is going to hang on long enough to plot a cycle under those conditons, though.

If you're easily amused and want to look at it, let me know. Usual disclaimers about Excel apply: may not run right on your system; may cause your PC to burst into flames, tip over, and sink into the swamp.

72--Nick, WA5BDU

BTW--I thought I'd covered the universe with Si and Ge, but I forgot about point contact devices. Does the same basic equation even apply?

Also--should I have relabeled this one Elmer 201?

Date: Tue, 27 Nov 2001 22:40:52 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <ve6xt@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113127] Re: Bow & Arrow Method of Launching Skyhooks
Message-ID: <005001c177be\$7d1c9000\$0600a8c0@charter.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

IF I were to use a bow and arrow, first off, I would use a genuine fishing setup, the string spools that are 'cones' and designed NOT to bind on feed.

Secondly, I think I would try to modify a 'flu-flu' arrow. The kind with the big untrimmed feathers and the front end that looks like a little sand bag. They won't fly as far or as accurate, but could you REALLY tell the difference? And the safety factor if you get a 'runaway' is worth it.

Mike

Date: Tue, 27 Nov 2001 23:04:09 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [113128] Re: Beer Can Vertical
Message-ID: <20011127221555.T36489-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

While the Old style cans were easier to solder, I suspect that many failures would have been caused by using the wrong solder/flux and technique. Erection would also be a problem because the slightest dent would weaken the can. A temporary splint with wood molding or furring strips taped to the cans would have helped. Also Suspending the Assembly from a Rope across a tree limb is useful.

I like the idea of adding Construction Insulating Foam to the cans.

I wonder How the cans might fit inside of PVC Pipe?

Someone, Bruce? Mentioned Covering PVC Pipe with Aluminum Foil.

I thought of that myself, but have not had a chance to experiment with it yet. I had planned on (2) 2" PVC Pipe Sections with a 3" PVC bottom Section. I thought that I would try Reynolds Heavy Duty Foil Wrap, and Contact Cement to fix it to the PVC Pipe. I thought to try two methods of application, One running the Uncut Sheet Logn Ways up the Pole for a continous piece, and Wrapping about 3-4" sections at a time rolling the pipe to apply it. The Other thought was to Cut the Roll into several rolls about 4-6" wide and Spiral Wrap the PVC.

A bit more expensive, but likely an easier solution, is to use "True Airconditioning Duct Tape as the Wrapper. It comes in standard 50 Ft Rolls and looks quite like "DUCT TAPE" that we all know and use, except it is Real Aluminum rather than Cloth. I have used it quite successfully to fill holes in die cast Boxes. I had a bunch with 2" meter holes that I wanted to Re-Cycle. I Used a Hole Saw in the Drill Press with out the Center Bit. I also Had a Block of Wood (2X4) that had previously had the same hold cut thru it. This was used as part of a sandwich of Wood and PCB material and clamped to the Drill press table. The PCB Disks were slightly oversized, which allowed them to be filed by hand and/or on the grinder to make a snug fit in the holes in the boxes. Then a Quick Application of the Aluminum Duct Tape to Both Sides. and the box was RF tight and as good as new. You and also add Appropriate PCB material to one or both sides depending on needs. Double Sided Foam Tape makes a great job of it.

Aluminum Cans Will Also Solder fine if you get the correct Solder.

I can not think of the name of it, But I believe I still have some in the shop. It was often sold at hamfests with a demonstration by punching a hole in the bottom of an aluminum can cleaning a bit and heating it with a propane torch and adding the Flux/Rods in a circular motion filling in the area with a pool of melted metal. It cooled rather quickly and was then harder than the can. you can not punch the hole thru again.

It appeared to be a Carnival Snake Oil Salesman, but the stuff is great.

We had a distributor here in Maryland back then.

The trick is getting the Object to be soldered to the correct temperature to melt the Flux/Rods. I had a Lawn Mower with a Cast Aluminum Case. One of the Wheels Broke Off along with chunk of metal part of the case. A really challanging job as the Case would dissapate the heat rather quickly. I Clamped the Piece in place and Using a Propane Torch finally got it hot enough to join it. I know I could have taken it up the street and had it welded with a heilarc and been done with it. I wanted to do it myself. It broke again last year, when my son ran into the porch steps. Ahh. But it held for about 15 years. I have kind-of gotten used to having

the only three wheeled toro in town. :^} I may fix it again in the Spring. :^}

Soldering can be such great Fun. I think I would build my Vertical From Coffee Cans if I were to Do it today. On the other hand, we seem to use a lot of Soup These days. If we could only get a better selection of PVC Pipe. Some Telescope but not enough. Guess I need to design some PVC Adapter Sleeves.

I have some PVC Tower Designs on the drawing board.

Experiment a bit, don't let them tell you it can't be done until you have given it a try yourself.

What if Tom and Ben had Listened to the nay sayers?

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Tue, 27 Nov 2001 23:13:29 -0500
From: Doc <70511.3041@compuserve.com>
To: "\"Low Power Amateur Radio" <qrp-l@Lehigh.EDU>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [113129] US Mails Question
Message-ID: <200111272313_MC3-E86E-19C9@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1

Content-Disposition: inline

Gang:

Just wondering--has anyone else experienced very slow service through the=

US Mail? One fellow mailed me a letter on 21 August, and it took until 2=
1
November to reach me in Bismarck, ND. Please reply off-list, please. =

Thanks.

73,
--Doc/K0EVZ

Date: Tue, 27 Nov 2001 23:17:49 -0500
From: Doc <70511.3041@compuserve.com>
To: "\"Low Power Amateur Radio" <qrp-1@Lehigh.EDU>
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [113130] For Sale--SW-30+ QRP Rig
Message-ID: <200111272318_MC3-E86E-19F2@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
 charset=ISO-8859-1
Content-Disposition: inline

Gang:

For Sale =3D SW-30+ rig. Need to make some room in the shack. Completel=
y
assembled and working excellently. Rig is built into a Radio Shack 2-ton=
e
metal case. Comes with original documentation. Total price =3D only \$78=
.00
shipped to your CONUS address. =

73,
--Doc/K0EVZ

Date: Tue, 27 Nov 2001 21:24:05 -0700
From: "James R. Duffey" <jamesd1@flash.net>
To: <plburbank@kih.net>, qrp-1 <qrp-1@lehigh.edu>

Subject: [113131] Re: Tuna Tin 2 kits
Message-ID: <B829B4F2.F5BD%jamesd1@flash.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Pete - Glad to hear you like your Tuna Tin-2 kit. Jay-Bob and the Ft. Smith group really put out a nice product. And it looks you have an angel to watch over your Tuna-Tin 2.

Let us know how putting it together goes, and tell us when you get it on the air. You are ready for a lot of fun. - Dr. Megacycle KK6MC/5

--
James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Tue, 27 Nov 2001 23:38:51 -0500
From: "Caitlyn M. Martin" <ku4qd@qsl.net>
To: qrp-l@lehigh.edu
Subject: [113132] Manuals/schematics/docs wanted
Message-ID: <20011127233851.283a4472.ku4qd@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi,

I am looking for a manual/schematic for the following equipment:

Kantronics UTU (the original version)
Mizuho MX-10Z 10m SSB/CW HT
Mizuho MK-610 6m rig

For the Mizuhos: manuals in Japanese with schematics are fine. I'd be happy to pay copying and postage costs.

Thanks and 73,
Caity
KU4QD

Caitlyn M. Martin -- KU4QD
<http://www.qsl.net/ku4qd>
<http://caitlyn.port5.com>

ARRL ARS #443
QRP-ARCI #11018
QRP-L #1873

Date: Tue, 27 Nov 2001 21:39:07 -0700
From: Roger J Wendell <zeekzilch@juno.com>
To: cqclist@yahoo.com, qrp-1@Lehigh.EDU
Subject: [113133] Christmas Key
Message-ID: <20011127.213910.-520353.0.zeekzilch@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I got lucky and purchased one of the Morse Express limited edition 2001 Christmas Keys.

Although miniature (very miniature!) this thing works like the big ones - it's fully adjustable and comfortable too.

Here's a picture of it sitting in my shack, next to my Vibroplex iambic:

http://www.qsl.net/wb0jnr/mystation_christmaskey_vibroplex_side.jpg

QRP just keeps getting better!

72s!

Roger
WB0JNR
<http://www.qsl.net/wb0jnr/mystation.html>

-

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Date: 27 Nov 2001 22:49:42 CST
From: Richard Clem <clem.law@usa.net>
To: <qrp-1@lehigh.edu>
Cc: clem.law@usa.net
Subject: [113134] Cub Fox preliminary log

Message-ID: <20011128044942.16298.qmail@cpdv203.cms.usa.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII

Content-Transfer-Encoding: quoted-printable

Thanks to all of the hounds for participating in tonight's Cub Fox Hunt. =
The
band seemed to be in good shape for the first 90 minutes or so. In the 1=
ast
half hour, either the QRM took over, or else I simply worked everyone the=
re
was to work. (Since the west coast was underrepresented in the log, I su=
spect
the QRM had more to do with it.)

At the end of this e-mail is the preliminary log. If you worked me, plea=
se
check it over and let me know if there are any corrections. If you think=
you
worked me and you are not in the log, by all means let me know. It was a=
long
grueling two hours, and its very possible that when I converted the file
format of the log (from pen and paper to ASCII) I left someone out.

TNX & 73,
Rick W0IS

- - - - -

Preliminary Fox Log, 11/27/01 (Local Time) 11/28/01 (UTC)

Time Call	RST	SPC	Name	QRP
0200 K0EVZ	599	ND	DOC	2W
0201 WA8BXN	589	MI	MIKE	5W
0203 W5YR 559	TX	GEORGE	5W	
0204 VE4WI	559	MB	CRAIG	5W
0205 KK5LD	559	TX	DAN	5W
0206 W9HL 559	IL	RANDY	5W	
0208 AF4PS	579	FL	?	3W
0212 W8VJW	559	MI	JOHN	5W
0213 WA9TZE	579	WI	JIM	5W
0214 WI8W 559	MI	THOM	5W	
0215 KB9YIG	569	IN	TONY	5W
0217 N3BJ 559	VA	ALAN	5W	
0218 K5JHP	559	TX	BILL	5W
0219 W5USJ	559	TX	CHUCK	5W
0221 K4ADI	559	SC	FRANK	5W
0222 VE3FAL	559	ON	FRED	5W

0224	K8KFJ	599	WV	GARY	5W	
0224	N0TK 579	CO	DAN		5W	
0225	N1QO 559	VT	JOHN		5W	
0226	KV4EE	559	SC	CRAIG		5W
0228	KG4SDY	559	VA	JIM		5W
0230	KD7CTF	349	OR	LEE		5W
0234	KC1FB	559	CT	JIM		5W
0235	K1NNP	559	CT	DON		5W
0237	KB3EOF	559	MD	SANDY		5W
0238	K4NK 599	SC	LES		4W	
0239	N4MAP	559	GA	SAM		5W
0240	N0TU 559	CO	STEVE		5W	
0241	N1ODL	559	NH	ARON	4W	
0242	AG0T 559	ND	TODD		4W	
0244	KB5KXP	559	TX	MIKE		5W POSSIBLY KXF
0247	K4GT 559	GA	JIM		5W	
0250	AF4LQ	559	KY	MIKE		5W
0254	K4TJD	599	GA	TOM		5W
0256	KI0II	579	CO	RON		1W
0300	N1TP 559	FL	?		5W	
0301	KE6TI	559	IN	HAROLD		3W
0303	K4BYF	559	FL	JACK		5W
0304	KB1FKL	559	CT	MATT	5W	
0308	W3CD 599	VA	BOB		5W	
0310	N7TX 579	TX	STEVE		5W	
0312	K04WX	559	GA	?		5W
0315	WB6BWZ	559	GA	MATT	5W	
0316	N1TP 559	FL	TOM		5W	
0317	KL7IXI	579	WA	MIKE		3W
0320	K5DI 559	NM	KARL		5W	
0326	KB0LUR	559	CO	PAUL		2W
0334	KJ0C 599	MO	JIM		5W	
0340	WR50 579	TX	DAVE		5W	
0349	KC9LCK	559	VA	RANDY		5W
0357	N5OHL	559	OK	JIM		5W
0400	W0IS FOX	MN	RICK		5W	

Date: Wed, 28 Nov 2001 00:31:55 -0800
 From: JJ&A <w7ls@blarg.net>
 To: qrp-1@lehigh.edu
 Subject: [113135] WTB: Poqet handheld computer for logging
 Message-ID: <3C04A0FA.8C804E4A@blarg.net>
 MIME-Version: 1.0
 Content-Type: text/plain; charset=us-ascii
 Content-Transfer-Encoding: 7bit

Please let me know if you have a Poqet computer that you are not using.
Include description and price. Thanks. 73 de Jim W7LS

Date: Wed, 28 Nov 2001 06:39:12 EST
From: "neil" <wa4chq@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [113136] re: pic's
Message-ID: <200111281139.GAA11963@lycanthrope.crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"

Many tnx for the replies.....I will continue my search with some of
the links you all provided.

72

Neil wa4chq

Date: Wed, 28 Nov 2001 07:11:42 EST
From: NV9Z@aol.com
To: qrp-l@lehigh.edu
Subject: [113137] FS: MFJ QRP Rigs
Message-ID: <138.55c5808.29362e7e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi QRPers!

FOR SALE: MFJ 9020 and 9040 QRP rigs. Both have the optional keyer and cw
filter options installed. \$165.00 each or buy the pair for \$325.00. Thanks
and very 73/72 de Chris NV9Z QRP-L #2370

Date: Wed, 28 Nov 2001 05:47:58 -0700
From: "Steve/n0tu" <n0tu@qsl.net>
To: <plburbank@kih.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113138] Re: Tuna Tin 2 kits
Message-ID: <00c801c1780a\$e96b1640\$6a211d82@cos.agilent.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Pete,

Let me know when you get it humming, I'd love to do a TT2way and score a new state at the same time! Let us all know about the thrill of your 1st QSO with it too!!

Cheers! Steve/n0tu

----- Original Message -----

From: "Pete Burbank" <plburbank@kih.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, November 27, 2001 2:28 PM

Subject: Tuna Tin 2 kits

> Wow, my kits are here! And they are beautiful! I should have jacks etc
> around here
> somewhere. I think I'll use BNCs in and out since I have plenty plus
> adapters and
> cables.
> While waiting for the kit I scrounged around the house and found a neat
> enclosure
> that I can open the bottom easily with a can opener. (I like to have
access
> to the underside
> of the board.) The can is slightly bigger than a tuna can and made of
> plated iron. It is full
> of coasters (like the ones you place under your soft drink). This one was
> made in China
> and has cherubs with wings staring towards heaven painted on
> it.....appropriate HI!
> My sincere thanks to all who contributed to this effort!!!!
> 73 to All,
> Pete NV4V Ky

Date: Wed, 28 Nov 2001 08:28:46 -0500

From: W2AGN <w2agn@pobox.com>

To: "tmyers" <tmyers@AcademicPlanet.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [113139] Re: Unique QSLing

Message-ID: <01112808284619.02131@njbirdman>

Content-Type: text/plain;

charset="iso-8859-1"

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

On Tuesday 27 November 2001 20:44, tmyers wrote:

> If you worked XT2DX in the recent CQ WW DX CW contest look here for
> their unique method of QSLing.
>
> <http://www.voodudes.org/QSL/qs1.html>

--

Same QSL Manager and procedure as for D68C....To whom I sent my card, 2 green stamps and self addressed envelope over 6 months ago and haven't heard a thing!

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qs1.net/w2agn>

Date: Wed, 28 Nov 2001 08:33:19 -0500
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [113140] European Propagation From Rt hand side
Message-ID: <0514B74864ACD511934400508BBB5E3401E15B@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I noticed this when I was backpacking in New Mexico: From home Mtns and QTH in NC Europe is open every day QRP on one or several bands. From NM mountains with 2 watts and a low dipole, I could work JA's but Europe was rarely heard, I did have a QSO started with a G sttion but was trounced by a QRO sttion on East coast that couldn't hear my 2 watt signal. Wayne Burdick made same observation when here last spring. Tim O'Rourke KG4CHX

Date: Wed, 28 Nov 2001 08:45:15 -0500
From: John Wagner <john@wagner-usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,
qfox@yahoogroups.com
Subject: [113141] FOX: 29 Nov 2001 - correction
Message-ID: <3C04EA6B.9E430B69@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I made a mistake on who will be the other Fox this Thursday night. It will be Ron, W8RU, not VE3FAL.

Ron will announce his operating plan here shortly.

Appologies for any confusion this may have caused. See ya tomorrow night.

73 de John, N1Q0

--

John Wagner - john@wagner-usa.net

Web page: <http://www.neknetwork.com>

Date: Wed, 28 Nov 2001 08:49:02 -0500
From: W2AGN <w2agn@pobox.com>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [113142] OFF TOPIC !!!!! Fwd: latest virus
Message-ID: <0111280849021B.02131@njbirdman>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

However, I thought some of you might be interested in this message I received from someone quite knowledgable in these things.

(Yes, W2AGN is actually sending a SERIOUS message!)

----- Forwarded Message -----

Subject: latest virus

Date: Wed, 28 Nov 2001 08:30:01 -0500

The "Badtrans", our latest bad boy, is quite devious. You can read more about it at this URL.

<http://www.cnn.com/2001/TECH/internet/11/26/badtrans.worm/index.html>

The key point to watch is that you DO NOT have to open the attachment in order to activate the virus. If you are reading your mail in Outlook or Outlook

Express, if you are using the PREVIEW pane, that will be enough to get the monster loose. The DO NOT OPEN ANY ATTACHMENTS warning here is

about as effective as your Mom telling not to put a sweater on because she is cold.

I subscribe to a list for network administrators. The question recently came up about the best virus program for Windows. Norton won hands down. If fairness, McAfee was summarily rejected because they do not report an FBI generated program that acts as a virus because they came to an agreement with the FBI. Norton refused not to report it. The program supposedly is for tracking people suspected of criminal activity and sending things for the users hard drive back to the FBI.

Norton's position was that the program is a virus and the user has a right to know. Draw your own conclusions.

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Wed, 28 Nov 2001 08:53:29 -0500
From: W2AGN <w2agn@pobox.com>
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu
Subject: [113143] More OFF TOPIC: @HOME to shut down?
Message-ID: <0111280853291C.02131@njbirdman>
Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

Some of you may use @home for cable Internet. If so, you might want to check this out:

<http://news.cnet.com/news/0-1004-200-7996444.html?tag=lthd>

--

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Wed, 28 Nov 2001 09:08:47 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [113144] KD1JV from KG4MQD
Message-ID: <F237daQL5t4NKe9srjD000005f46@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Steve,
Lost your email address...please contact me off list.

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668
QRPP International #11

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 28 Nov 2001 07:34:46 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113145] RE: OFF TOPIC !!!!! Fwd: latest virus
Message-ID: <000701c17819\$d4bb6150\$a6813389@dlco5ekda>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

If you're running Outlook Express or Outlook (or IE, for that matter) and you're not running an anti-virus program, you're flirting with disaster. Up until fairly recently I've not been a big proponent of virus scanners, simply because with .exe files the risk is pretty low. But with the recent crop of email and macro viruses, especially the ones that get executed just by viewing a web page or an email, you're really taking a risk by not having some virus scanning protection running in the background.

I've encountered several instances of all the recent viruses, thanks to my being in a lot of people's address books I suppose. I'm running Norton AntiVirus 2001 with its auto-protect feature enabled, and it's kept me clean. Plus, it automatically updates virus signatures (VERY IMPORTANT!) every time it gets a chance when I connect to the internet. It's easily been worth the \$30 or so I paid for it (and I'm a cheapskate, so this statement means something).

The risk factor is running pretty high for infections these days. It'd be prudent to protect yourselves.

73,

Dave NK0E

Date: Wed, 28 Nov 2001 07:50:33 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: <ekdave@earthlink.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113146] Re: OFF TOPIC !!!!! Fwd: latest virus
Message-ID: <002f01c1781c\$08aac030\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I can back up what Dave is saying,

I use OE and Norton as well. Norton trapped an email with the BadTrans virus just yesterday.

Get it [Norton] you'll be glad.

This latest virus/worm thingie is **REAL NASTY**!

Happy Holidays
73, Rod NØRC
Ft Collins, CO

----- Original Message -----

From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 7:34 AM
Subject: RE: OFF TOPIC !!!!! Fwd: latest virus

> Gang,
>
> If you're running Outlook Express or Outlook (or IE, for that
matter) and
> you're not running an anti-virus program, you're flirting with
disaster. Up
> until fairly recently I've not been a big proponent of virus
scanners,
> simply because with .exe files the risk is pretty low. But with the
recent
> crop of email and macro viruses, especially the ones that get
executed just
> by viewing a web page or an email, you're really taking a risk by
not having
> some virus scanning protection running in the background.
>
> I've encountered several instances of all the recent viruses, thanks
to my
> being in a lot of people's address books I suppose. I'm running
Norton
> AntiVirus 2001 with its auto-protect feature enabled, and it's kept
me
> clean. Plus, it automatically updates virus signatures (VERY
IMPORTANT!)
> every time it gets a chance when I connect to the internet. It's
easily been
> worth the \$30 or so I paid for it (and I'm a cheapskate, so this
statement
> means something).
>
> The risk factor is running pretty high for infections these days.
It'd be
> prudent to protect yourselves.
>
> 73,
>
> Dave NKØE

>
>
>

Date: Wed, 28 Nov 2001 07:29:04 -0800
From: Bob W7AVK <rsrolfne@atnet.net>
To: rod@n0rc.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113147] Re: OFF TOPIC !!!!! Fwd: latest virus
Message-ID: <3C0502C0.C4F669DF@atnet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rod and All - Couple things to do to not have the troubles is to not use Microsoft products. These guys are taking advantage of known security holes. Microsoft issued patches to fix them several months ago, but it seems there are still troubles out there. Those of use who are using other products have been OK so far. But of course all of us must not open ANY attachments.

73 Bob W7AVK

Rod N0RC wrote:

> I can back up what Dave is saying,
>
> I use OE and Norton as well. Norton trapped an email with the BadTrans
> virus just yesterday.
>
> Get it [Norton] you'll be glad.
>
> This latest virus/worm thingie is ****REAL NASTY****!
>
> *****Happy Holidays*****
> 73, Rod N0RC
> Ft Collins, CO
>
> ----- Original Message -----
> From: "Dave Ek" <ekdave@earthlink.net>
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, November 28, 2001 7:34 AM
> Subject: RE: OFF TOPIC !!!!! Fwd: latest virus

>
> > Gang,
> >
> > If you're running Outlook Express or Outlook (or IE, for that
> matter) and
> > you're not running an anti-virus program, you're flirting with
> disaster. Up
> > until fairly recently I've not been a big proponent of virus
> scanners,
> > simply because with .exe files the risk is pretty low. But with the
> recent
> > crop of email and macro viruses, especially the ones that get
> executed just
> > by viewing a web page or an email, you're really taking a risk by
> not having
> > some virus scanning protection running in the background.
> >
> > I've encountered several instances of all the recent viruses, thanks
> to my
> > being in a lot of people's address books I suppose. I'm running
> Norton
> > AntiVirus 2001 with its auto-protect feature enabled, and it's kept
> me
> > clean. Plus, it automatically updates virus signatures (VERY
> IMPORTANT!)
> > every time it gets a chance when I connect to the internet. It's
> easily been
> > worth the \$30 or so I paid for it (and I'm a cheapskate, so this
> statement
> > means something).
> >
> > The risk factor is running pretty high for infections these days.
> It'd be
> > prudent to protect yourselves.
> >
> > 73,
> >
> > Dave NK0E
> >
> >
> >

Date: Wed, 28 Nov 2001 09:38:21 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: David Hinerman <WD8CIV@worldnet.att.net>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113148] Re: transformers in SPICE?
Message-ID: <Pine.BSI.3.96.1011128093621.8650A-1000000@usr02.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

David,

You may want to look at my article on wideband transformer modeling in the November 2001 issue of Applied Microwave & Wireless. I describe a complete procedure for determining the model parameters, as well as a background on how the model is derived. If the article is not available from their website at:

www.amwireless.com

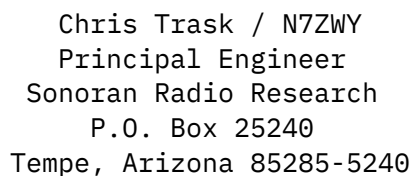
then let me know and I will get you a copy.

Chris

On Tue, 27 Nov 2001, David Hinerman wrote:

> Folks,
>
> I'm trying to model a simple receiver in SPICE (actually Winspice 3) and I
> wonder if someone can help me out a bit.
>
> I have (what I hope is) a broadband 1:1 transformer at the input, which I'm
> modeling as 2 coupled inductors. 2 questions:
>
> 1) What are appropriate inductances? Eventually I'd like to use a bifilar
> wound ferrite - FT37-43 or something common. This will most likely be a 80M
> receiver, if that makes a difference.
>
> 2) What K (coupling) factor should I use?
>
> I'm using L=80uH and K=0.7 right now. Are there better values?
>
> Dave
>
> -----
> Dave Hinerman
> WD8CIV@worldnet.att.net
>

/ ,-----. / What's all this \	High Performance Mixers and Amplifiers for RF Communications
/ extinct stuff, anyhow? /	



Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Date: Wed, 28 Nov 2001 07:56:41 -0800
From: Randy Foltz <rfoltz@turbonet.com>
To: qrpl_post <qrpl@lehigh.edu>
Subject: [113149] QRP ARCI 160 m Sprint
Message-ID: <3C050939.6A0611D4@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Power multiplier is a bit more complicated than usual since this is a mixed-mode contest. For CW the multiplier is 1 if you are greater than 5 W, 7 if you are 5 W to 1 W, 10 for less than 1 W to 250 mW, and 15 if you use less than 250 mW. On phone the multiplier is 1 if your operate greater

than 10 W PEP, 7 if you operate 10 W to 2 W PEP, 10 if you use 500 mW to less than 2 W PEP, and 15 if you use less than 500 mW PEP. If you use both modes, you use the lower multiplier. For example you use 900 mW on CW and 10 W PEP on phone, you will use a mult of 7 for all contacts.

The final score is the QSO points X total SPCs X power multiplier.

There will be separate categories for CW, phone, and mixed modes.

You can use the on-line reporting form at <http://personal.palouse.net/rfoltz/arci/form.htm> to send me your summary. You will still need to send your log either by e-mail or regular mail by Jan 5, 2002. My regular mail address is

Randy Foltz
809 Leith St.
Moscow, ID 83843

Each night for 2 weeks I'll post a summary of the scores sent to me on the on-line report form at 9 PM PST. That URL is <http://personal.palouse.net/rfoltz/arci/highclm.htm>

Full rules can be found at <http://personal.palouse.net/rfoltz/arci/arcitst.htm>

I'll be on the air will you?

--

73,
Randy, K7TQ
QRP ARCI Contest Chairman

Date: Wed, 28 Nov 2001 07:57:31 -0800
From: Randy Foltz <rfoltz@turbonet.com>
To: qrpl_post <qrpl_post>
Subject: [113150] QRP ARCI Holiday Spirits Homebrew Sprint
Message-ID: <3C05096B.449F68A2@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The QRP ARCI Holiday Spirits Homebrew Sprint will be

December 2 from 2000 Z to 2400 Z. This is a CW only contest that gives extra points for using homebrew rigs. If you built it, it is homebrew!

The exchange is RST, SPC (State/Province/Country), and ARCI member number or power level if you are not an ARCI member.

QSO points are 5 for each member that you contact, 4 for each non-member on a different continent, and 2 points for each non-member on the same continent you are on. Points are accumulated on each band then totaled.

Power multiplier is 1 if you're greater than 5 w, 7 if you're 5 W to 1 W, 15 if you're 250 mW to less than 1 watt, and 15 if you're really daring and operate at less than 250 mW.

You can take bonus points of 2,000 if you use a hb transmitter, 5,000 if you use a hb receiver, and 5,000 if you use a hb transceiver. The bonus points are per band, so if you use your K2 on 2 bands you get 10,000 bonus points.

The final score is QSO points on all bands X total SPCs on all bands X power multiplier + bonus points.

You can use the on-line reporting form at <http://personal.palouse.net/rfoltz/arci/form.htm> to send me your summary. You will still need to send your log either by e-mail or regular mail by Jan 2, 2002. My regular mail address is

Randy Foltz
809 Leith St.
Moscow, ID 83843

Each night for 2 weeks I'll post a summary of the scores sent to me on the on-line report form at 9 PM PST. That URL is <http://personal.palouse.net/rfoltz/arci/highclm.htm>

Full rules can be found at <http://personal.palouse.net/rfoltz/arci/arcitst.htm>

See you on the air.

--

73,
Randy, K7TQ
QRP ARCI Contest Chairman

Date: Wed, 28 Nov 2001 08:08:11 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [113151] Re: Unique QSLing
Message-ID: <20011128080811.A1618@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Nov 28, 2001 at 08:28:46AM -0500, W2AGN wrote:
> On Tuesday 27 November 2001 20:44, tmyers wrote:
> > If you worked XT2DX in the recent CQ WW DX CW contest look here for
> > their unique method of QSLing.
> >
> > <http://www.voodudes.org/QSL/qs1.html>
>
> --
>
> Same QSL Manager and procedure as for D68C....To whom I sent my card, 2 green
> stamps and self addressed envelope over 6 months ago and haven't heard a
> thing!

XT2DX is via G3SXW, while D68C is via G3SWH. On one of the DX
reflectors, G3SWH mentioned a few weeks ago that he has so far answered
about half of the cards received. They made a LOT of contacts!

Bob, N7XY

Date: Wed, 28 Nov 2001 08:39:26 -0800
From: "Louie" <lou@harborside.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>, <rfoltz@turbonet.com>
Subject: [113152] Re: QRP ARCI 160 m Sprint
Message-ID: <001701c1782b\$3ff481c0\$5c352d0c@rita>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Subject: QRP ARCI 160 m Sprint

> The QRP ARCI Top Band Sprint is just a week away. Just
> barely enough time to get your giant 160 m antenna ready.
>
> This contest will be Dec 5 from 8 pm to midnight local
> time. Both CW and phone modes are allowed and encouraged.
>

What is the standard time for the contest? You know GMT or universal
Standard time

> You can use the on-line reporting form at
> <http://personal.palouse.net/rfoltz/arci/form.htm> to send me
> your summary. You will still need to send your log either
> by e-mail or regular mail by Jan 5, 2002. My regular mail
> address is
>
> Randy Foltz
> 809 Leith St.
> Moscow, ID 83843
>
> Each night for 2 weeks I'll post a summary of the scores
> sent to me on the on-line report form at 9 PM PST. That URL
> is <http://personal.palouse.net/rfoltz/arci/highclm.htm>
>
> Full rules can be found at
> <http://personal.palouse.net/rfoltz/arci/arcitst.htm>
>
> I'll be on the air will you?
>
> --
> 73,
> Randy, K7TQ
> QRP ARCI Contest Chairman
>

Date: Wed, 28 Nov 2001 09:47:29 -0700
From: "Dittmar, Mark" <Mark_Dittmar@maxtor.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [113153] FS- Tentec Century 21 & 276 xtal calibrator
Message-ID: <85B5853D4393D5118BAE009027DE2A6C129B55@mcoexc05.mlm.maxtor.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

For Sale-

TenTec Century 21 CW transceiver, 80 - 10 meters (no WARC bands),
with external Tentec model 276 crystal calibrator. 25 - 30 watts output,
RIT, adjustable audio BW 2.5 khz, 1.0 khz, and 0.5 khz. Full QSK.
Internal PS. Very good cosmetic condition. Works GREAT. CW ONLY!

\$150 plus shipping from 80021.

Mark Dittmar, AB0CW
Westminster, CO

Date: Wed, 28 Nov 2001 17:12:16
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [113154] [Elmer 101] Probes: Ge vs Si at QRP
Message-ID: <F43KdjUy5kGrkh4jIew00022ee5@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The debate was killing me so I hacked together a test device and compared
three different diodes as RF probes (1N34A, 1N87A and MMBD352LT1 ... that's
the SMD hot carrier device that I offered for sale a few weeks ago). I
posted the details and results at:

<http://www.geocities.com/alibhernlem/Radio/qrpprobe.html>

BTW, the datasheet for the MMBD352LT1 is at:

<http://www.onsemi.com/pub/Collateral/MMBD352LT1-D.PDF>

Brad KG6IOE

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 28 Nov 2001 12:16:46 EST
From: Robsparks@aol.com
To: qrp-l@lehigh.edu
Subject: [113155] OT - Circuit board question
Message-ID: <7c.1f4b30e3.293675fe@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Howdy folks,

Does anyone know of a reputable company that will draw up a circuit board for production and/or produce a small quantity of boards for commercial purposes?
Please reply to my email off list. Thanks for your help!

Bob Sparks AB5ZD robsparks@aol.com

Date: Wed, 28 Nov 2001 12:37:01 -0500
From: W2AGN <w2agn@pobox.com>
To: qrp-1@lehigh.edu
Subject: [113156] Re: QRP ARCI 160 m Sprint
Message-ID: <0111281237011E.02131@njbirdman>
Content-Type: text/plain;
 charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 28 November 2001 11:39, you wrote:

> Subject: QRP ARCI 160 m Sprint
>
> > The QRP ARCI Top Band Sprint is just a week away. Just
> > barely enough time to get your giant 160 m antenna ready.
> >
> > This contest will be Dec 5 from 8 pm to midnight local
> > time. Both CW and phone modes are allowed and encouraged.
>
> What is the standard time for the contest? You know GMT or universal
> Standard time

--

Note: It says LOCAL time! That means when Mickey's little hand is on the 8 and his big hand is on the 12, you can start, and you must stop when both his hands are on the 12.

John L Sielke W2AGN
 w2agn@pobox.com
http://www.qsl.net/w2agn

Date: Wed, 28 Nov 2001 12:45:44 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <Robsparks@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113157] Re: OT - Circuit board question
Message-ID: <000f01c17834\$868cee20\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

This applies to a LOT of things on this forum so I'll post here.

I have a friend who occasionally needs a small board made.
Sometimes 1 or 2, as 'one shots'.

He uses what's called "PCBExpress". The boards are
reasonably priced and the quality of everything he's gotten
so far has been better than one house did for his business
boards.

Mike

----- Original Message -----

From: <Robsparks@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 12:16 PM
Subject: OT - Circuit board question

> Howdy folks,
>
> Does anyone know of a reputable company that will draw up a circuit
board for
> production and/or produce a small quantity of boards for commercial
purposes?
> Please reply to my email off list. Thanks for your help!
>
> Bob Sparks AB5ZD robsparks@aol.com
>

Date: Wed, 28 Nov 2001 10:50:01 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>

Subject: [113158] FS: SST-30
Message-ID: <MABBIKAEJNPMOAJMBKJJKEBNCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

Have for sale a SST-30. Only one mod. Used a small Xicon trimmer cap in place of a fixed cap for a "settable" VFO freq. With manual, shipped CONUS 75 bux.

Tnx and 72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 28 Nov 2001 12:41:13 -0500
From: "Lee Mairs" <lmairs@cox.rr.com>
To: <alihernlem@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [113159] Re: [Elmer 101] Probes: Ge vs Si at QRP
Message-ID: <007c01c17833\$e0564560\$6501a8c0@cox.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dynamite post Brad. There is nothing like facts and evidence to ruin a good debate!

73 de Lee, km4yy

Some programming languages manage to absorb change, but withstand progress.
--Alan J. Perlis

----- Original Message -----

From: "Brad Hernlem" <alihernlem@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 5:12 PM
Subject: [Elmer 101] Probes: Ge vs Si at QRP

> The debate was killing me so I hacked together a test device and compared
> three different diodes as RF probes (1N34A, 1N87A and MMBD352LT1 ...
that's
> the SMD hot carrier device that I offered for sale a few weeks ago). I
> posted the details and results at:

>
> <http://www.geocities.com/alibhernlem/Radio/qrpprobe.html>
>
> BTW, the datasheet for the MMBD352LT1 is at:
>
> <http://www.onsemi.com/pub/Collateral/MMBD352LT1-D.PDF>
>
> Brad KG6IOE
>
>
> _____
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>
>

Date: Wed, 28 Nov 2001 11:07:18 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [113160] FS: MFJ receiver
Message-ID: <MABBIKAEJNPMOAJMBKJJMEBOCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang,

FS: MFJ model 8100 shortwave receiver. As a new kit was 70 bux..sell for 35 bux CONUS.

72 and TNX, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 28 Nov 2001 13:18:04 -0500
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [113161] RE: www.eQSL.cc
Message-ID: <125490A005E3D3118C9C00805FC743CC03390DE6@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

A little of both, Bruce. The League has invested the bulk of the revenues it received from life members, so the proceeds of that investment fund their

current memberships, even if they signed up way back when.

ARRL is working strongly toward toward being more adept at fundraising. See:

<http://www.arrl.org/news/stories/2001/10/05/1/>

Personally, I think it will be good to see the League do what it can to raise funds for specific and general goals. I, for one, have made a number of personal contributions to the "ARRL Lab Fund," a fund that we will be using to purchase new test equipment and to do some industry-contact travel that will not otherwise be funded from the general revenues. But speaking as a League member, I do want to feel that such fund-raising is indeed "over and above" what I believe I am already funding by paying my dues. But those with a technical bent can fund technical things; those interested in operating can fund those things -- the beauty of special fundraising is that it is entirely voluntary, and it helps to direct the organization toward doing those things that members and hams want to see more of.

73,

Ed Hare, W1RFI

ARRL Lab

225 Main St

Newington, CT 06111

Tel: 860-594-0318

Internet: w1rfi@arrl.org

Web: <http://www.arrl.org/tis>

> -----Original Message-----

> From: Bruce Muscolino [<mailto:w6toy@erols.com>]

> Sent: Tuesday, November 27, 2001 6:13 PM

> To: Low Power Amateur Radio Discussion

> Subject: Re: www.eQSL.cc

>

>

>

>

> Bob,

> >

> > I did so around the same time. My only regret was not
> doing it sooner.

> > However, I recall seeing something from AMSAT requesting
> donations from

> > life members, as the organization is losing money on them. If the
> > returns from the invested life memberships don't meet the s.

> >

> As a Life Member, I think the League is either better managed

> financially than other organizations, ot has not found the secret of
> grazing off its members. You should try the NRA if you want to see a
> constant stream of appeals for money!
> Times change, times get harder on some organizations than
> others. Costs
> increase. The League does not have a large part of society trying to
> put them out of business. Hams either like or despise the
> League. They
> try to keep themselves in the mainstream of ham radio. AMSAT, while
> doing a good job, and one we can all be proud of, is not
> exactly in the
> mainstream of ham radio,
>
> 73
> > Bob, N7XY
>

Date: Wed, 28 Nov 2001 17:31:18 -0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: <ctrask@primenet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113162] Re: transformers in SPICE?
Message-ID: <DAV58yRqIAxjBH0sS0y0001984d@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

MCL has an equivalent circuit for transmission line transformers in a document on their web site. It's called 'How RF Transformers Work'. The difficult thing about using it would be measuring the parameters. Is that what network analysers are for? We had one where I used to work, but I never got round to playing with it.

Leon

Leon Heller, G1HSM leon_heller@hotmail.com
http://www.geocities.com/leon_heller
Low-cost Altera Flex design kit: <http://www.leonheller.com>

----- Original Message -----

From: "Chris Trask" <ctrask@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 4:38 PM
Subject: Re: transformers in SPICE?

>

> David,

> You may want to look at my article on wideband transformer
> modeling in the November 2001 issue of Applied Microwave & Wireless. I
> describe a complete procedure for determining the model parameters, as
> well as a background on how the model is derived. If the article is not
> available from their website at:

>

> www.amwireless.com

>

> then let me know and I will get you a copy.

>

> Chris

>

> On Tue, 27 Nov 2001, David Hinerman wrote:

>

> > Folks,

> >

> > I'm trying to model a simple receiver in SPICE (actually Winspice 3) and
I

> > wonder if someone can help me out a bit.

> >

> > I have (what I hope is) a broadband 1:1 transformer at the input, which
I'm

> > modeling as 2 coupled inductors. 2 questions:

> >

> > 1) What are appropriate inductances? Eventually I'd like to use a
bifilar

> > wound ferrite - FT37-43 or something common. This will most likely be a
80M

> > receiver, if that makes a difference.

> >

> > 2) What K (coupling) factor should I use?

> >

> > I'm using L=80uH and K=0.7 right now. Are there better values?

> >

> > Dave

> >

> > -----

> > Dave Hinerman

> > WD8CIV@worldnet.att.net

> >

>

> ,-----.

> / What's all this \

> / extinct stuff, anyhow? /

High Performance Mixers and
Amplifiers for RF Communications

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Chris Trask / N7ZWY
Principal Engineer
Sonoran Radio Research
P.O. Box 25240
Tempe, Arizona 85285-5240

IEEE Member #40274515

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

```

-----
Date: Wed, 28 Nov 2001 11:22:28 -0700
From: "T.W." <wb5qyt@abq.com>
To: <qrp-1@lehigh.edu>
Subject: [113163] FS: DSW rigs
Message-ID: <MABBIKAEJNPM0AJMBKJJIEBPCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="Windows-1252"
Content-Transfer-Encoding: 7bit

```

Gang, really hate to do this.....but, have K1 fever!

FS: DSW 20, built by me and looks and works FB, in the turquoise cabinet.
140 bux CONUS.

FS: DSW 40, built by another gent, works FB, but for some reason he decided
he didn't like the dark blue paint on the cabinet?? So, he did a little
sanding, looks like he took some 80 grit to it, but still looks ok. 135 bux
CONUS

NOTE: DSW 20 has a lighter cab....DSW 40 darker, but both cabinets came from
SWL.

Will take 260 bux for the pair if you want them both, still CONUS.

Tnx and 72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 28 Nov 2001 13:29:16 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [113164] Re: [Elmer 101] Probes: Ge vs Si at QRP
Message-ID: <5.1.0.14.1.20011128132415.00a54ec0@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:12 PM 11/28/2001 +0000, you wrote:
>The debate was killing me so I hacked together a test device and compared
>three different diodes as RF probes (1N34A, 1N87A and MMBD352LT1 ...
>that's the SMD hot carrier device that I offered for sale a few weeks
>ago). I posted the details and results at:
>
><http://www.geocities.com/alibhernlem/Radio/qrpprobe.html>
>
>BTW, the datasheet for the MMBD352LT1 is at:
>
><http://www.onsemi.com/pub/Collateral/MMBD352LT1-D.PDF>

Brad,

Wow, you did a thorough job! I get the impression you do this kind of thing for a living.

One comment on the choice of diodes - in your report you point out that the hot-carrier diode is intended for UHF mixing applications. For a mixer, the amount of the forward drop isn't of great concern since it is usually feasible to provide a powerful enough local oscillator to overcome whatever drop is present.

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 28 Nov 2001 11:04:25 -0500
From: n7dma@mindspring.com
To: qrp-l@lehigh.edu
Subject: [113165] K1 #919

Message-ID: <Springmail.105.1006963465.0.96043700@www.springmail.com>

I finally got to the point with my K1 last night to do the preliminary filter adjustment. The tuning was pretty easy, using on the air signals for a signal source. While I was adjusting the filter for 20 mtrs, I found a station calling CQ. As I peaked the caps, I started listening to the station, who was now a solid 579 to my location here in Tucson. It was a UA0 calling CQ! Then a ZS6 answered! I had the rig connected to my Isotron 20 at 15 feet. If this is the kind of performance I can expect from this rig, I think I'll be pretty pleased this weekend when I get it finished!

Date: Wed, 28 Nov 2001 13:05:48 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Leon Heller <leon_heller@hotmail.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [113166] Re: transformers in SPICE?
Message-ID: <Pine.BSI.3.96.1011128130409.933A-1000000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

A network analyzer would be nice, but I describe doing the tests with just an oscilloscope or a sampling RF voltmeter. The parameters are derived from the voltage tests. Measuring the inductances might take a bit of doing with a 'scope, but it can be done easily once you know how. An impedance meter is best suited for that test.

Chris

On Wed, 28 Nov 2001, Leon Heller wrote:

> MCL has an equivalent circuit for transmission line transformers in a
> document on their web site. It's called 'How RF Transformers Work'. The
> difficult thing about using it would be measuring the parameters. Is that
> what network analysers are for? We had one where I used to work, but I never
> got round to playing with it.

>

> Leon

>

> Leon Heller, G1HSM leon_heller@hotmail.com

> http://www.geocities.com/leon_heller

> Low-cost Altera Flex design kit: <http://www.leonheller.com>

>

>

> ----- Original Message -----

> From: "Chris Trask" <ctrask@primenet.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Sent: Wednesday, November 28, 2001 4:38 PM
> Subject: Re: transformers in SPICE?
>
>
> >
> > David,
> > You may want to look at my article on wideband transformer
> > modeling in the November 2001 issue of Applied Microwave & Wireless. I
> > describe a complete procedure for determining the model parameters, as
> > well as a background on how the model is derived. If the article is not
> > available from their website at:
> >
> > www.amwireless.com
> >
> > then let me know and I will get you a copy.
> >
> > Chris
> >
> > On Tue, 27 Nov 2001, David Hinerman wrote:
> >
> > > Folks,
> > >
> > > I'm trying to model a simple receiver in SPICE (actually Winspice 3) and
> > I
> > > wonder if someone can help me out a bit.
> > >
> > > I have (what I hope is) a broadband 1:1 transformer at the input, which
> > I'm
> > > modeling as 2 coupled inductors. 2 questions:
> > >
> > > 1) What are appropriate inductances? Eventually I'd like to use a
> > bifilar
> > > wound ferrite - FT37-43 or something common. This will most likely be a
> > 80M
> > > receiver, if that makes a difference.
> > >
> > > 2) What K (coupling) factor should I use?
> > >
> > > I'm using L=80uH and K=0.7 right now. Are there better values?
> > >
> > > Dave
> > >
> > > -----
> > > Dave Hinerman
> > > WD8CIV@worldnet.att.net
> > >
> >

To: <qrp-1@lehigh.edu>
Subject: [113167] DSW 20
Message-ID: <MABBIKAEJNPM0AJMBKJJEECBCHAA.wb5qyt@abq.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Gang, looks like the DSW 20 is sold. TU for all the replies. Still have the DSW-40.

72, Tom WB5QYT..."Have spud will travel!"

Date: Wed, 28 Nov 2001 19:56:15
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-1@lehigh.edu
Cc: WD8CIV@worldnet.att.net
Subject: [113168] Re: [Elmer 101] Probes: Ge vs Si at QRP
Message-ID: <F111qrb2XX8jvJvXqtF000079a3@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

From: David Hinerman (WD8CIV@worldnet.att.net) writes:

>Brad,

>Wow, you did a thorough job! I get the impression you do this kind of thing
>for a living.

If you mean doing research, yes, but I am not an EE. The experimental equipment, except for the DMM, were all refurbished stuff obtained from surplus sources or swapmeets.

>One comment on the choice of diodes - in your report you point out that the
>hot-carrier diode is intended for UHF mixing applications. For a mixer, the
>amount of the forward drop isn't of great concern since it is usually
>feasible to provide a powerful enough local oscillator to overcome whatever
>drop is present.

>Dave

Yes, and I should also add that Glen Leinweber has pointed out to me that germanium diodes "look like" 50K resistors at small signal levels. The experiments were performed with a 50 ohm impedance source of RF.

Steve Weber also raised some important points about source impedance. The results are perhaps not so broadly applicable and caution should be made in interpreting them to other probes and to other applications. One might expect that the relative performance of the Si diode versus Ge might be quite different when probing a higher impedance RF source.

The most striking result, from my perspective, was the surprising similarity between the 1N34A (from Radio Shack) and the 1N87A (found by chance at Halted Specialties, Santa Clara). I had imagined that there might be some "improved" performance by the 1N87A but whatever that might be was not elucidated under these experimental conditions.

Also, as you well point out, the hot carrier diode that I used is not perhaps one with the lowest "forward voltage drop". I ran out of time last night to do any more experiments but I have some HP diodes with even lower "forward voltage drop". It would also be interesting to compare a 1N4148 or something like that.

Now if someone could do the same study but examining the effect of frequency on efficiency for a variety of diodes THAT would be quite interesting.

Brad KG6IOE

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 28 Nov 2001 14:00:55 -0600
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@LeHigh.EDU
Cc: talljazz@teleport.com
Subject: [113169] Re: DELETE if not interested. How I deal with OT subjects.
Message-ID: <200111282000.fASK0tr24633@okcforum.org>

Dan--

<snipetty-do-dah>

> In a large
> group, we'd form committees, discussion groups, or just move to areas
> where subjects of interest to us are discussed. Here, we all see all
> of the discussion, which can be very cumbersome without moderation or
> a chairman to direct discussion. Thus, it behooves us to somehow
> limit some discussions, or move them to another location for those
> who are interested. It becomes a large convention with a continual
> 'sharing' forum. In many meetings, there are ways to cut off debate
> when it appears to wander. Trouble is, who will take the lead??

Let me begin by offering my condolences to anyone who will be bothered by this "off-topic" post, and yet somehow failed to skip reading this post when they saw the subject line! Now...having said that...

Dan, each of us may take the lead, by learning how to use our delete key. Your analogy comparing QRP-L to other meetings of large numbers of people is useful, but it has its limitations. Unlike when taking part in some event involving large numbers of people, each of us has the ability to easily control our own participation both as contributors to, and consumers of, what QRP-L has to offer. In that important way, reading QRP-L is more like watching TV or reading the newspaper than like participating in some huge 2000-member meeting. We each have the ability to pick and choose whatever we want to pay attention to, and leave the rest. Some people like to tailor their consumption of QRP-L using filters, and many of us prefer my personal favorite: The DELETE key (or any of a wide variety of functionally equivalent strategies, such as simply not opening posts with un-interesting topics, paging on down past a boring post if reading the QRP-L daily digest, or whatever it takes to simply not read a post that doesn't interest you).

I simply do not read the vast majority of fox/truffle/contest-results posts. Others here can't wait for the fox season to begin, and, one presumes, some of them can't wait to read everyone else's artfully crafted, witty accounts of their adventures. Some wouldn't read a post discussing QRP-L policies and what they ought to be or not, on a dare! I, on the other hand, never miss 'em (for fear someone will again successfully convince someone that the list needs an active sheriff). Like many QRP-L'ers, I enjoy the technical posts. Some might not be technically inclined, and some others might be so advanced that reading most of the technical posts on here would bore them. One of us might eagerly read every post describing how to get an antenna line over the top of a tree out in the field for a year or two, and then next year, have so much success with what they've learned from all of it that they never feel a need to read another post on that topic again.

It is not as if every post can be rated in terms of how far it lies between the endpoints anchored by "perfectly on-topic" and "utterly off-topic." The subjects that interest some of us, as QRP'ers, will differ widely from what interests others. It is not as if we could draw some line in the sand and say, "Posts which are no further off-topic than this are OK, but any further than that is not OK." The very question of how far off topic any given post is will depend more on the eye of the beholder than any sort of absolute truth. Perhaps I think post A is mostly on-topic, but post B is useless; perhaps you rate those two posts in the opposite order. Do you see that we could not draw any line in the sand that would resolve that inconsistency? It seems obvious to me that I should be free to read post A, and delete post B,

and that you should be free to delete post A, and read post B.

I am certain that it is rare indeed that someone makes a post to QRP-L which no one here enjoys reading. The answer is not, and never will be, to attempt to see to it that each and every post is interesting or at least satisfactory to every one of us. The answer is for each of us to take what we can use, and leave the rest.

Long live the <DELETE> key (and its functionally equivalent strategies)!

73,
Jim WB5UDE

Date: Tue, 27 Nov 2001 22:24:46 -0700 (MST)
From: <muglesto@ecentral.com>
To: Steven Weber <kd1jv@moose.ncia.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [113170] Re: Electricity
Message-ID: <Pine.LNX.4.33.0111272223460.1334-1000000@mugleston.mugs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hole poked and normal wire (just kidding) the house is 21 years old. I'll have to play more, maybe the wires are too deep in the wall around the switch. I'll try from the other side of the wall.

Brad

On Mon, 26 Nov 2001, Steven Weber wrote:

> >Well I was showing him how it worked around an outlet (nothing plugged in)
> >and it worked FB. Then I was at a light switch and no noise. I turned
> >the light on and still no noise. I had a puzzled look and he said it was
> >because there wasn't any electricity that ran through a light switch if it
> >was on the common side of the light bulb.

>

> Humm, even the switch is on the "cold" side of the circuit, one side is
> still live, as it has to run back to the bulb, which is effectively a very
> low ohm resistor when it's off. I suspect the tester looks for a 60 Hz AC
> field, which should be there if current is flowing or not. The only reason
> I can think of of why it didn't work is if you have an older house and that
> circuit is wired with shielded romax cable. Poke a hole in the wall and
> find out :-)

>

>

> 72,
> Steve, KD1JV
> White Mountians of New Hampshire
> <http://www.qsl.net/kd1jv/>
>
>

--

Brad Mugleston, KI00T
Aurora, Arapahoe Cty, Colorado
DM79oq 39.692500N 104.802600W
CQC #170, QRP-L #316, NorCal #2934

Date: Wed, 28 Nov 2001 15:21:57 -0500
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113171] The latest virus and this list
Message-ID: <006101c1784a\$56240a00\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

In the last 2 days, I've had a NUMBER of attempted infections.

Over HALF of the attempts came to me from people ON THIS LIST, and the email is sent with a subject line that is a RESPONSE to something I posted to this list, as if the person is responding directly to me about a post here.

BE AWARE that this is going on!! And REMAIN smart about opening attachments.

Mike

Date: Wed, 28 Nov 2001 15:26:23 -0500
From: W2AGN <w2agn@pobox.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113172] Committees
Message-ID: <0111281526231H.02131@njbirdman>

Content-Type: text/plain;
charset="iso-8859-1"
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Wednesday 28 November 2001 15:00, somebodywrote:

> > In a large
> > group, we'd form committees, discussion groups
> > when it appears to wander.Trouble is, who will take
the lead??
>
>
--

That's JUST what we need. We should form up some committees. I nominate Karl for the Ear-wax committee. I nominate Bruce for the Curmudgeon Committee (although I had thought about taking that one myself.). I nominate Dan for the Committee committee (you need a committee to keep track of the committees). I also nominate Bob to be committed. (You know which Bob you are).

All committees are to make a study of their areas of expertise, and post in detail on February 29.

Boy, will this be fun. It will be almost like....going to WORK!

John L Sielke W2AGN
w2agn@pobox.com
<http://www.qsl.net/w2agn>

Date: Wed, 28 Nov 2001 13:27:28 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [113173] 2N2-40 K8IQY radio
Message-ID: <Pine.LNX.4.33.0111281321530.7893-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Last monday a guy brought his 2N2-40 radio and displayed it at the radio club meeting. It sounded so good I mailed off for the New Jersey Manhattan builders kit and found a 10 turn pot and a Duo dial knob for it. The pot is 100k but it should work fine since the varcap draws just

microamps.

All details are at the web site www.qsl.net/k8iqy/2n2specs.html so if your interested have a look.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Wed, 28 Nov 2001 15:32:55 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113174] Re: The latest virus and this list
Message-ID: <013001c1784b\$dcc590a0\$3294fea9@robertpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Unfortunately there are those on this list that do not take protecting their computer from viruses seriously. You need to update your virus protection program regularly and get a firewall. Zone Alarm is offered for free and is a good full featured firewall. You can put in filters as well as prevent others from trying to access your information.

There are certain viruses that will get through regardless of protection. It is up to you however to get the latest patches and virus definitions to combat them. Upgrade your browser as well.

This is war gents and the enemy is out there waiting to disrupt your computer and to take your personal information for their personal gain. Worst scenario they can take you good name and trash it to the point where your credit rating is in the negatives and your accounts are empty!

Be smart and update regularly

Regards,
Robert
VE3RPF

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Wednesday, November 28, 2001 3:21 PM
Subject: The latest virus and this list

> In the last 2 days, I've had a NUMBER of attempted infections.
>
> Over HALF of the attempts came to me from people ON THIS
> LIST, and the email is sent with a subject line that is a RESPONSE
> to something I posted to this list, as if the person is responding
> directly to me about a post here.
>
> BE AWARE that this is going on!! And REMAIN smart about
> opening attachments.
>
> Mike
>
>
>

Date: Wed, 28 Nov 2001 15:46:10 -0500
From: "Tim A. King Jr." <iflyos@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [113175] Test Equipment
Message-ID: <F39C87IMC2Pap4U9Xrg0000e7d4@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Sorry if this is off topic, but here goes: Does anyone know of a good site that outlines the basic uses of test equipment? I have a friend, Robert, KG4NEP, that has acquired some test equipment, and none of it came with manuals. He is looking for basic info and I told him i would see what I could come up with. ANY and all info would be appreciated.

73,

Tim A. King, Jr.
KG4MQD
Safety Officer, Hobby Park R/C Aircraft Club
Winston Salem, NC
AMA# 578668
QRPp Internatiional #11

Albert Einstein, when asked to describe radio, replied:

"You see, wire telegraph is a kind of a very, very long cat. You pull his

tail in New York and his head is meowing in Los Angeles. Do you understand this? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat."
Albert Einstein (1879-1955)

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 28 Nov 2001 14:54:24 -0600
From: "George, W5YR" <w5yr@att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113176] [OT] Re: The latest virus and this list
Message-ID: <3C054F00.B80D8062@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good points, Mike . . . but there are problems other than those packaged in attachments.

Let me remind everyone that in addition to the BADTRANS virus (that has been hitting here at least 15 times a day - thank Heaven for Norton AV) the NIMDA virus is still around.

Evidently, the NIMDA virus code is NOT in an attachment but rather is contained in the message text.

I have been told that merely opening the email containing it will allow it to access your files, etc. Others have said that is true only if you run M\$ email clients, etc.
I run Netscape 4.7.4 which may be immune from this - I don't know - but I take no chances.

The situation I found myself in was that Norton would intercept the email containing NIMDA and allow me to "erase the attachment." All options for dealing with virii are based upon the notion that they are contained in attachments. Only NIMDA is in the text and not in an attachment.

I would erase and to my surprise the email server would download the same message again and Norton would again intercept NIMDA. I would erase and the whole thing would start over.

What was happening was that the email server was being told that the download was unsuccessful since it had been stopped prematurely when Norton found the virus code within the message itself. Thus, the server would attempt again and again to download the message.

I finally came to my senses and figured out what was happening, but was presented with a dilemma: if I turned Norton off and let the message download complete, to get it off the server, I was then vulnerable because Netscape will open any message that you select from the subject list and you have to select in order to delete.

So, I had to go to the AT&T website, log onto my email account, find the offending message (it was #1 in a queue of 299 messages!) and then delete it from their subject list. In that way, I avoided opening the message within my system.

So, the point of this lengthy - and OT to many - posting is that if you get the NIMDA virus, you may have to get to your ISP and delete it at that level.

I take the liberty of posting all this since no one else has, and I am certain that NIMDA is still making the rounds along with BADTRANS.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe SOC 262
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Mike Yetsko wrote:

>
> In the last 2 days, I've had a NUMBER of attempted infections.
>
> Over HALF of the attempts came to me from people ON THIS
> LIST, and the email is sent with a subject line that is a RESPONSE
> to something I posted to this list, as if the person is responding
> directly to me about a post here.
>
> BE AWARE that this is going on!! And REMAIN smart about
> opening attachments.

Date: Wed, 28 Nov 2001 15:55:42 -0500
From: "L. Mark Pilant" <n1vqw@arrl.net>
To: iflyos@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [113177] Re: Test Equipment

Message-ID: <3C054F4E.90301@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Tim, you may want to consider asking the questions here.
I'm sure there are a number of others that would like to
know how to use various pieces of test equipment. Who
knows, maybe they'll even get some piece or other after
learning what it can do.

Sign me a confirmed test equipment junkie. (You don't
want to see my basement :-) :-)

73

- Mark N1VQW

Date: Wed, 28 Nov 2001 14:02:12 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113178] FOX SANDWICH, a PSK-31 activity (Reminder)
Message-ID: <004701c1784f\$f3b61330\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

Wed night ("sandwiched" between Fox hunt nights) be a "Radioactiveham"
(TM)(C)(Patent applied for ;-) and work some psk-31 on 30m. The goal:
WAS (or as many states as possible) with psk31 by the end of the FOX
hunt season.

In the spirit of the ARRL DXCC-QRP announcement, you can "mine" your
past PSK-31 contacts for credit on this activity. If you've been
Radioactive on 30m PSK, you could be an instant winner!

No rules, dues or prizes just bragging rights and some fun RELAXED
radio time.

No special time, anywhere between 0100-0300z, around 10.139MHz. Come
when you can
leave when you have to.

73, Rod N0RC
Ft Collins, CO

Happy Holidays
73, Rod N0RC
Ft Collins, CO

Date: Wed, 28 Nov 2001 16:09:34 -0500
From: John Wagner <john@wagner-usa.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113179] Re: 2N2-40 K8IQY radio
Message-ID: <3C05528E.1B8D2BE0@wagner-usa.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You should join us on the Yahoo! 2n2-40 message board. There are a number of us building this radio at this very moment. Some of us just finished. ;) Jim has uploaded a an updated set of schematics to the board (that's the version I built). And yes, it sounds great!

<http://groups.yahoo.com/group/2n2-40> is the URL. Be sure to check out the message archives there - a lot of good 2n2-40 info has been discussed in the past few months.

73 de John, N1Q0

"Karl F. Larsen" wrote:

>
> Last monday a guy brought his 2N2-40 radio and displayed it at the
> radio club meeting. It sounded so good I mailed off for the New Jersey
> Manhattan builders kit and found a 10 turn pot and a Duo dial knob for it.
> The pot is 100k but it should work fine since the varcap draws just
> microamps.

>
> All details are at the web site www.qsl.net/k8iqy/2n2specs.html so
> if your interested have a look.

>
> --
> Yours Truly,
>

> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.qsl.net/k5di/>

--

John Wagner - john@wagner-usa.net
Web page: <http://www.neknetwork.com>

Date: Wed, 28 Nov 2001 16:07:14 EST
From: NB6M@aol.com
To: qrp-l@lehigh.edu
Subject: [113180] 80 Meter SMK-1
Message-ID: <69.1ebcd29a.2936ac02@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi All,

Having put one of my SMK-1s on 80 Meters, and while awaiting different crystals, I will be looking for QSOs on 3.579 Mhz this evening. Hope to see you there.

Wayne NB6M

Date: Wed, 28 Nov 2001 13:08:07 -0800
From: "Louie" <lou@harborside.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [113181] Fw: Harborside Internet: Virus Scan Results.
Message-ID: <003601c17850\$c8fe2460\$81352d0c@rita>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For your info

CUL, 72 & 73
XE2EKK, Lou

----- Original Message -----

From: <ravms@mail.harborside.com>
To: <pa3eqb@amsat.org>
Cc: <lou@harborside.com>
Sent: Wednesday, November 28, 2001 11:57 AM

Subject: Harborside Internet: Virus Scan Results.

>
> RAV AntiVirus for FreeBSD i386 version: 8.3.0 (snapshot-20010925)
> Copyright (c) 1996-2001 GeCAD The Software Company. All rights reserved.
> 24 more days to evaluate.
> Running on host: mail.harborside.com
>
> -----
>
> Harborside Internet's mail server found the file (UPXW) attached to mail
with the subject: ' Re: Re: QRP ARCI 160 m Sprint ' sent by pa3eqb@amsat.org
to lou@harborside.com,
> to be infected with virus: Win32/Badtrans.B@mm.
>
> Cannot clean this file.
>
> This file has been deleted for your protection.
> If you have any questions please contact our technical support staff at
1-800-680-8855.
>
> Due to the constantly changing nature of computer viruses, Harborside can
not be responsible for any damage done to a customer's computer. Customers
should continue to use their own virus protection software and maintain the
latest updates.
>
> -----
>
> Scan engine 8.5 for i386.
> Last update: Tue Nov 27 09:28:21 2001
> Scanning for 64057 malwares (viruses, trojans and worms).
>
> To get a free 60-days evaluation version of RAV AntiVirus v8
> (yet fully functional) please visit:
>
> <http://www.ravantivirus.com>
>
>

Date: Wed, 28 Nov 2001 16:18:26 -0500
From: Ron Majewski <majewski@erim-int.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [113182] FOX: 29Nov2001 - W8RU Fox Announcement
Message-ID: <3C0554A2.5D48E9F4@erim-int.com>

MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Hi All-

It's time for me to put myself into the FoxHunt crosshairs again. I'll be active from 0200utc - 0400utc on 30 November 2001. This is 9pm EST on the evening of Thursday, 29 November in the USofA. I will set up between 7030 and 7040 and will try to listen down if activity permits.

I am located on the northwest side of the Detroit area. I'll be running an FT-1000D at 5 watts to a 2 element yagi up at 75ft. I will be rotating the yagi around as conditions and callers warrant.

Please try to keep my calling frequency clear, if possible. I will occasionally listen there for those of you who do not have RIT. When or if the pile-up thins out I'll be working simplex.

I will be using the following exchange format:

<your callsign> RST MI RON 5w <your callsign> BK

Now for some observations based on my past hunts:

I rarely make two QSOs on the same receive frequency, particularly early in the hunt. The pile-up is typically too thick to pull out a single callsign so I start tuning the moment I ask for more calls.

If I am unable to pull out a callsign I typically send a question mark once or twice. Go ahead and send your callsign again at this point. Think good thoughts so The Force will guide me to your frequency. :)

If I get your callsign wrong on the first go-around I will always acknowledge the correction after I get your information.

I sometimes get only a partial call and try to get a fill by sending something like "W5A? BK", hoping to thin the pile-up enough to allow full copy. If your callsign is W5A{anything}, please send your full callsign at this point; if not, please stand by.

Good hunting to you all. I am looking forward to being da Fox again and I will do my utmost to pass out as many pelts as time and conditions will permit.

Until Thursday night -- 72/3,

Ron (W8RU).

Date: Wed, 28 Nov 2001 16:22:15 -0500
From: Bruce Muscolino <w6toy@erols.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [113183] Re: [OT] Re: The latest virus and this list
Message-ID: <3C055587.F65BDBBF@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

George,

>
> I run Netscape 4.7.4 which may be immune from this - I don't know - but I
> take no chances.

>
I also run Netscape 4.7. How, exactly, do you keep from opening a
message? I am not talking about attachments, but the message text
itself. If it is in your message queue, you have to open it even to
delete it!

>
> The situation I found myself in was that Norton would intercept the email
> containing NIMDA and allow me to "erase the attachment." All options for
> dealing with virii are based upon the notion that they are contained in
> attachments. Only NIMDA is in the text and not in an attachment.

>
I also use Norton. It has done a good job of protecting me so far!

>
> I finally came to my senses and figured out what was happening, but was
> presented with a dilemma: if I turned Norton off and let the message
> download complete,

<
My ISP offers two choices, your email is downloaded completely or you
can leave it on their server. I chose the former because I didn't want
to repeatedly download messages I had seen before. I would think your
ISP would welcome such a system, it reduces their storage capacity! Oh,
they do have a limit to storing messages too!

>
> So, the point of this lengthy - and OT to many - posting is that if you get
> the NIMDA virus, you may have to get to your ISP and delete it at that
> level.

> I don't think the virus has invaded here, but one thing I have noticed today is
a large number of messages sent by list memvers with NO text, and sometimes no

subject except for RE:.

73

Date: Wed, 28 Nov 2001 16:30:27 -0500
From: "Caitlyn M. Martin" <ku4qd@qsl.net>
To: qrp-l@lehigh.edu
Subject: [113184] Re: The latest virus and this list
Message-ID: <20011128163027.30a2db71.ku4qd@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Hi, everyone,

Since ham radio operators are mostly technically savvy individuals, I've got to say this again:

Folks running anything other than Windows can't get the latest virus. Oh, we can have our mailboxes flooded by it and our ISPs mail servers slowed by thousands and thousands of virus generated e-mail messages, but we can't get the darned thing. I know a bunch of folks will rush to defend Microsoft, saying that they are merely the target of opportunity. That they are, but they are also the producers of operating systems that are severely flawed from a security standpoint. Worst of all, MS stuff is *expensive*.

I heartily recommend either Linux or FreeBSD as alternatives. Both have an amazing amount of ham radio software available. Linux even had kernel level support for some digital modes, though it's disabled by default. For folks coming from the Windows world, Mandrake Linux 8.1 is one of the easiest to transition to. Caldera OpenLinux eDesktop 3.1, SuSe Linux 7.3, and RedHat Linux 7.2 are also good choices.

Please understand that running Linux does not make your system secure. You need to update it regularly, same as Windows. You just won't catch viruses, and you will be part of the solution, not part of the problem.

I'll be happy to debate the merits of my suggestion *OFF LIST*.

72/73,
Caity
KU4QD

Date: Wed, 28 Nov 2001 16:30:09 -0500

From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-1@lehigh.edu
Subject: [113185] Re: The latest virus and this list
Message-ID: <5.1.0.14.1.20011128162606.00a6a280@ipostoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 03:21 PM 11/28/2001 -0500, you wrote:

>In the last 2 days, I've had a NUMBER of attempted infections.
>
>Over HALF of the attempts came to me from people ON THIS
>LIST, and the email is sent with a subject line that is a RESPONSE
>to something I posted to this list, as if the person is responding
>directly to me about a post here.
>
>BE AWARE that this is going on!! And REMAIN smart about
>opening attachments.
>
>Mike

Mike,

Our corporate watchdog just now barked at an attachment that came from this list - I haven't figured out which message, but the file was named NEWS_DOC.DOC.scr. So I agree. Be careful!

Dave

Dave Hinerman
WD8CIV@worldnet.att.net

Date: Wed, 28 Nov 2001 14:35:06 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [113186] 2N2-40 K8IQY radio (fwd)
Message-ID: <Pine.LNX.4.33.0111281434140.8009-100000@cannac.fun>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

The first mailing didn't seem to work...here it is again.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

----- Forwarded message -----

Date: Wed, 28 Nov 2001 13:27:28 -0700 (MST)
From: Karl F. Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: 2N2-40 K8IQY radio

Last monday a guy brought his 2N2-40 radio and displayed it at the radio club meeting. It sounded so good I mailed off for the New Jersey Manhattan builders kit and found a 10 turn pot and a Duo dial knob for it. The pot is 100k but it should work fine since the varcap draws just microamps.

All details are at the web site www.qsl.net/k8iqy/2n2specs.html so if your interested have a look.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.qsl.net/k5di/>

Date: Wed, 28 Nov 2001 16:55:28 -0500
From: "Ed Tanton" <n4xy@att.net>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [113187] RE: [OT] Re: The latest virus and this list
Message-ID: <000401c17857\$64f9e0b0\$2cfb5b0c@n4xy>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi George and everyone... I am running WIN 2000 Pro... with OUTLOOK 2002 (XP) and Norton AntiVirus 2002 with an up-to-date set of virus file definitions. My ISP is AT&T. Norton intercepted all of the offending emails, and was "unable to repair" the virus-laden-file. It's next move was to "Quarantine" the attachment. I then *** RIGHT-clicked *** on the offending file, and selected DELETE. Finally, I went to the "QUARANTINE"

section of the WINNT > Program Files > Norton Anti-Virus > Quarantine
and deleted the quarantined file.

Wouldn't you like to get your hands on people who do things like this?

The URL for the ZoneAlarm Firewall is: <<http://www.zonealarm.com>> .

You can learn about the BadTrans.B worm at:

<<http://63.88.172.96/panda/index.cfm?fuseaction=virus&virusid=1123>> .

The information here is extremely valuable-especially if you have been infected by this virus. IF you have been infected, you must set up your PC to boot from the CD; select Repair, and get to the Command Console. You may then delete "C:\WINNT\SYSTEM32\KDLL.DLL" and "C:\WINNT\SYSTEM32\KERNAL32.EXE". Repair your system without rebooting. It will restore the 'proper' KERNAL32.EXE. You should also search for, and delete: "CP_25389.nls" and "Kdll.dll" (even though I thought I had deleted it from the Console, there was still one lurking. Finally, there is a REGISTRY line you should remove:

"HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\RunOnce". There was also a "...RunOnceEx" line, but I am not CERTAIN it relates to this, and you must always err on the side of caution with the WIN Registries.

The worm has fangs, but it can be beaten. The above applies to WIN 2000 ('Pro' in my case) but I expect the other WIN OS'es are similar in their cures.

72/73 Ed Tanton N4XY <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;
SEDXC NCDXA GACW QRP-ARCI
OK-QRP QRP-L #758 K2 (FT) #00057

Date: Wed, 28 Nov 2001 16:58:11 -0500

From: "Mike Yetsko" <myetsko@insydesw.com>
To: <WD8CIV@worldnet.att.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [113188] Re: The latest virus and this list
Message-ID: <005901c17857\$ca314900\$6501a8c0@INSYDENT>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yep, that's it...

It's a script file that attempts to go out to the internet to download something.

I've had the news_doc one, and a napster one, and a 'me_nude' one... The list goes on. The common element is they are all scripts.

AND they apparently are NOT 'bulk generated. They are specifically generated as replies and retain the original subject line. Which means that at a casual first glance, appear as if they are a legitimate response to something you sent.

Mike

----- Original Message -----

From: "David Hinerman" <WD8CIV@worldnet.att.net>

> Mike,
>
> Our corporate watchdog just now barked at an attachment that came from this
> list - I haven't figured out which message, but the file was named
> NEWS_DOC.DOC.scr. So I agree. Be careful!
>
> Dave

Date: Wed, 28 Nov 2001 17:12:51 -0500 (EST)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [113189] Cut numbers for ARCI HB Sprint

Message-ID: <Pine.LNX.4.21.0111281709440.9366-100000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

My QRP ARCI number is 10999. Would it be too much to send it at atnnn for the sprint or would that be too confussing? I'm wondering if I should program the keyer to 10999, 10nnn, or atnnn... I want to be clear, not just short...

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Wed, 28 Nov 2001 15:02:14 -0600
From: Mark Fields <mark_ke5my@juno.com>
To: qrp-l@lehigh.edu
Subject: [113190] OT: Need some technical advice
Message-ID: <20011128.161432.-166623.1.mark_ke5my@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I picked up a Radio Shack DX-398 shortwave receiver at a swapfest recently (no manual). After installing fresh batteries and pressing the power button, all that happened was that a couple of segments of the LCD display came on. (Also, I could turn the dial lights on and off.)

Assuming that the receiver doesn't need any repairs, can anyone tell me how to get it working? Thanks in advance for your help.

73, Mark, KE5MY
QRP-L #2365
ARRL grid EL29fp

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<http://dl.www.juno.com/get/web/>.

Date: Wed, 28 Nov 2001 22:41:14 +0000
From: "Leon Heller" <leon_heller@hotmail.com>
To: kandrparker@sympatico.ca, qrp-l@Lehigh.EDU
Subject: [113191] Re: The latest virus and this list
Message-ID: <F215L1NXQcaFvxJlKK80000f06f@hotmail.com>

Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>
> > In the last 2 days, I've had a NUMBER of attempted infections.
> >
> > Over HALF of the attempts came to me from people ON THIS
> > LIST, and the email is sent with a subject line that is a RESPONSE

I've noticed a few of these. I always delete anything with an attachment that looks a bit odd. Someone I know has just spent two days sorting out his PC after opening one. That was at work!

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon_heller@hotmail.com
My web page: http://www.geocities.com/leon_heller
My low-cost Altera Flex design kit: <http://www.leonheller.com>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

Date: Wed, 28 Nov 2001 17:30:29 -0500
From: "Pastor-KC1DI" <elbc@pivot.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113192] FT: Bulldog Key
Message-ID: <002901c1785c\$499f8540\$ea96fea9@pivot.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a Bull Dog Classic Iambic Key Model BD3 and a Jade products keyer that is buit and works fine.. would be willing to trade both for a PSK-80 Warbler , in working condtion.
73 Dave KC1DI

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.303 / Virus Database: 164 - Release Date: 11/24/01

Date: Wed, 28 Nov 2001 17:44:06 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113193] Re: Cut numbers for ARCI HB Sprint
Message-ID: <04ad01c1785e\$32248e40\$010044c0@baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

FWIW, my number is 10114 and when I send ATAA4 I get lots of requests for repeats. I think everyone knows N, some people know T, and nobody knows A.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "KENNETH ROBERT MCGUIRE" <at902@tcnet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 5:12 PM
Subject: Cut numbers for ARCI HB Sprint

> My QRP ARCI number is 10999. Would it be too much to send it at atnnn for
> the sprint or would that be too confussing? I'm wondering if I should
> program the keyer to 10999, 10nnn, or atnnn... I want to be clear, not
> just short...
>
> Ken McGuire
> KC8LTL in EN74cp
> at902@tcnet.org
>

Date: Wed, 28 Nov 2001 14:06:20 -0900
From: Jim Larsen AL7FS <AL7FS@ARRL.NET>
To: at902@tcnet.org, "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [113194] Re: Cut numbers for ARCI HB Sprint
Message-ID: <3C056DEC.C58330F9@ARRL.NET>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ken,

Opinion only from me...

I am not too savy with number shortcuts but if I were working you and you gave me RST, State and NR...NR didahdahdahdah dah dahdit dahdit dahdit I would copy 10999 every time. I guess I would try it and if "they" seem to "burp" on it, give them a repeat with the long version.

I don't accept A for a One(1), however. Makes my brain explode which is just a quirk of mine.

FWIW. :-)

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska
(BP51cc) - 61.101 North, 149.824 West
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

Date: Wed, 28 Nov 2001 18:17:50 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113195] Re: Cut numbers for ARCI HB Sprint
Message-ID: <004101c17862\$e64e8c00\$39d81b41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi All,

Just a comment from my soap box (flames sent to delete key)
My ARCI number is 10226, which is a real pain to send in a contest compared to 5W or whatever; YES I'm lazy :-)
Can we do away with sending ARCI #'s or come up with an alternative? I'm not a great tester and make a worse one if I have to send all those numbers with REPEATS.
Any ideas??????

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W

SOC-8 DLQRPAG-1454 ARCI-10226 ARS-781 QRPL-1998 10X-9389 CATT-26
FP#-1 <http://home.cinci.rr.com/w8diz> & <http://kitsandparts.com>

----- Original Message -----

From: "KENNETH ROBERT MCGUIRE" <at902@tcnet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 5:12 PM
Subject: Cut numbers for ARCI HB Sprint

My QRP ARCI number is 10999. Would it be too much to send it at atnnn for the sprint or would that be too confussing? I'm wondering if I should program the keyer to 10999, 10nnn, or atnnn... I want to be clear, not just short...

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Wed, 28 Nov 2001 16:18:02 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [113196] Re: Cut numbers for ARCI HB Sprint
Message-ID: <004f01c17862\$ee086420\$6401a8c0@c919125b>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm with Jim on this,

Cut numbers have been discussed before. The general consensus was that because there are no "standard" cut number abbreviations, it's better practice to send the number as defined in Morse Code.

Happy Holidays
73, Rod N0RC
Ft Collins, CO

----- Original Message -----

From: "Jim Larsen AL7FS" <AL7FS@ARRL.NET>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, November 28, 2001 4:06 PM

Subject: Re: Cut numbers for ARCI HB Sprint

> Hi Ken,
>
> Opinion only from me...
>
> I am not too savy with number shortcuts but if I were working you
and
> you gave me RST, State and NR...NR didahdahdahdah dah dahdit dahdit
> dahdit I would copy 10999 every time. I guess I would try it and
if
> "they" seem to "burp" on it, give them a repeat with the long
version.

Date: Wed, 28 Nov 2001 18:35:17 -0500
From: "Kenneth Wilson" <kg4big@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [113197] FS K1 40 & 20
Message-ID: <001401c17865\$58c32aa0\$0d2856d1@oemcomputer>

Hello,

I am offering my K1 Serial # 00004 built for 40 & 20 for sale.

It comes with owners manual, which has not been written in & also has the optional KTS1 tilt stand.

I did not build this rig. It is in great shape & works perfect.

I will sell for \$280.00 shipped insured ground UPS lower 48.

Thanks,

Ken KG4BIG

Date: Wed, 28 Nov 2001 18:32:25 EST
From: NV9Z@aol.com
To: qrp-l@lehigh.edu
Subject: [113198] FS Posting

Message-ID: <74.13edb6d9.2936ce09@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang!

I posted my MFJ QRP rigs for sale earlier today under the heading "FS: MFJ QRP Rigs" and somebody tried to send me a virus for my efforts. I can only hope that these are unintentional acts. After nearly 21 years in Ham Radio, I do not want to believe that anyone would treat a fellow operator in such a manner.

Ahem...Now that I have stepped back down from my soap box.....If there is anyone who is genuinely interested in buying one or both of these rigs, please contact me off list at NV9Z@aol.com. ANY EMAIL CONTAINING AN ATTACHMENT WILL BE DUMPED.

Thanks aand very 73/72 de Chris NV9Z QRP-L #2370

Date: Wed, 28 Nov 2001 18:30:25 -0500
From: Haines Brown <brownh@hartford-hwp.com>
To: rsrolfne@atnet.net
Cc: qrp-l@lehigh.edu
Subject: [113199] Re: OFF TOPIC !!!!! Fwd: latest virus
Message-ID: <200111282330.fASNUPw21635@hartford-hwp.com>

I hesitated to enter this OT discussion, but I'd like to bring up another aspect of BadTrans and SirCam etc.

I receive some 20-50 Mb of these worms each day, and they quickly fill my 10 Mb account on my ISP's mail server. This amounts to a denial of service attack beyond the reach of various anti-Virus programs running on clients. I run Linux, but that does not help in this case, and am forced to automate e-mail downloads regularly.

Given the rapid increase in the percentage of e-mail messages nationally that are infected with viruses or worms, it seems to me that we should now require e-mail service providers to implement programs that can block diseased messages before they even enter our accounts on mail servers.

I believe one such server-side application is InterScan, but wondered if anyone knows of others. I ask because it seems users will have to bring some organized and informed pressure to bear on service providers to get them to implement safeguards.

--

Haines Brown
brownh@hartford-hwp.com
kb1grm@arrl.net
www.hartford-hwp.com

Date: Wed, 28 Nov 2001 15:31:40 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [113200] Re: The latest virus and this list
Message-ID: <20011128153140.B3130@oz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Wed, Nov 28, 2001 at 04:30:09PM -0500, David Hinerman wrote:

> At 03:21 PM 11/28/2001 -0500, you wrote:
> >In the last 2 days, I've had a NUMBER of attempted infections.
> >
> >Over HALF of the attempts came to me from people ON THIS
> >LIST, and the email is sent with a subject line that is a RESPONSE
> >to something I posted to this list, as if the person is responding
> >directly to me about a post here.
> >
> >BE AWARE that this is going on!! And REMAIN smart about
> >opening attachments.
> >
> >Mike
>
> Mike,
>
> Our corporate watchdog just now barked at an attachment that came from this
> list - I haven't figured out which message, but the file was named
> NEWS_DOC.DOC.scr. So I agree. Be careful!
>
> Dave

I've been getting a number of messages like that in the past several days with attachments having different names but all with .scr extensions. Since I am not running any form of Windows, they don't affect me (other than as a nuisance), but it shows that a number of folks on the various lists I subscribe to have been hit.

I have also received a couple of these at an address which is not subscribed to any lists and from which I have not sent any messages to

the (apparent) sender, although it does show up on one (ham related) web site.

I also keep getting spam at another address which I haven't actively used in over 8 years, go figure!

BE CAREFUL!

Bob

--

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

nielsen@oz.net
<http://www.oz.net/~nielsen>

Date: Wed, 28 Nov 2001 18:44:35 EST
From: Daj73s@aol.com
To: qrp-l@lehigh.edu
Subject: [113201] FS:MIZUHO...14MHZ..SSB/CW..TRANSCEIVER..HANDHELD
Message-ID: <129.858ffeb.2936d0e3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang:

Well hate to do it but I have a NEW(2 months old) Mizuho for sale.
You get the rig with Antenna,2 crystals that cover 14.025-14.075 CW
and also 14.250-14.300 SSB. you also get 2 extra crystals that came with the
rig that covers 14.000 to 14.005 and carrying case....asking.....
.....225.00 and you handle shipping....
.....e mail me or call me @ 716-826-7740.....
Dave....AA2PF.....

End of QRP-L Digest 2387
